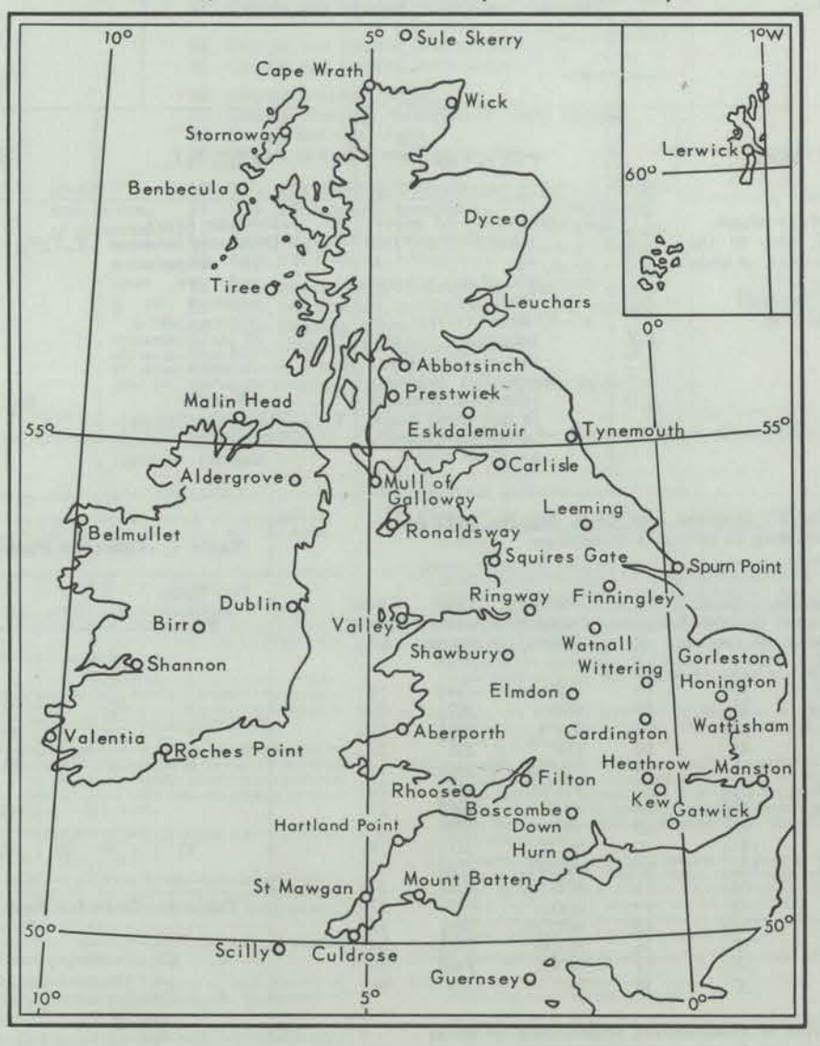
# THE DAILY WEATHER REPORT

(82)

## (INTRODUCTION)

## 1st January to 31st March, 1978

Stations published in the Daily Weather Report

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## 1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code were introduced on 1st January, 1968.

## 2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 20), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h and 0600 h on the day of issue.

## 2. FORM OF PRESENTATION (continued)

(iii) **General Synoptic Development.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the United Kingdom during the preceding 24 hours together with an indication of the manner in which it is expected to develop.

## 3. NOTES

(i) **Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.

(ii) **Temperature.**—On pages 1 and 4 temperature is specified in whole degrees Celsius, negative temperatures being coded by removing the minus sign and adding 50. Equivalent values in degrees Fahrenheit can be obtained by reference to the table printed between these pages. See also note under PPP TT in para. 4 below.

(iii) **Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).

(iv) **Rainfall Readings in Eire.**—The rainfall totals for stations in Eire are for the periods
18h—06h, reported at 0900h.
06h—18h, reported at 2100h.

(v) Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read " The Practice of Weather Forecasting " which may be purchased from H.M. Stationery Office, 49 High Holborn.

(vi) Correction sheets will be issued weekly. These will contain corrected observations, where appropriate, for all stations with the exception of the following:—stations in Eire, Cape Wrath, Sule Skerry, Mull of Galloway, Kilnsea, Guernsey, Scilly, Hartland Point.

## 4. EXPLANATION OF CODES AND SPECIFICATIONS

| CODE FM 11 V—Land Stations | | | | | | |
|---|---|---|---|---|---|---|
| N dd ff | VV ww W | PPP TT | $N_h$ $C_L$ h $C_M$ $C_H$ | $T_d$ $T_d$ a pp | $8N_s$ C $h_sh_s$ | $RRT_xT_xE$ sss<br>$RRT_nT_nE$ $T_gT_g$ |
| N = Total amount of cloud in eighths (Table 1).<br>dd = Wind direction on scale 01–36 (see also Table 2).<br>ff = Wind speed in knots. | VV = Visibility (Table 3).<br>ww = Present weather (Table 5).<br>W = Past weather (Table 4). | PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths.<br>TT = Temperature in whole degrees Celsius.<br>*Note.*—In reports from ocean weather stations (FM 21V) only the tens and units figure of air temperature are reported. The tenths figure is reported by $t_T$. | $N_h$ = Fraction of celestial dome covered by $C_L$ (or $C_M$ if no $C_L$).<br>$C_L$ = Form of low cloud (Table 6).<br>h = Height above ground of base of lowest cloud (Table 9).<br>$C_M$ = Form of Medium Cloud (Table 7).<br>$C_H$ = Form of high cloud (Table 8). | $T_dT_d$ = Dew point temperature in whole degrees Celsius.<br>a = Characteristic of barometric tendency (Table 10).<br>pp Barometric tendency (change of pressure in last three hours in tenths of millibars). | 8 = Indicator figure.<br>$N_s$ = Amount in eighths of individual cloud layer or mass (Table 1).<br>C = Type of cloud (Table 11).<br>$h_sh_s$ = Height of base of cloud (Table 12). | RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h).<br>$T_xT_x$ = Maximum temperature in whole degrees Celsius (09h–21h).<br>$T_nT_n$ = Minimum temperature in whole degrees Celsius (21h–09h).<br>$T_gT_g$ = Minimum temperature on grass in whole degrees Celsius (21h–09h).<br>sss = Duration of sunshine (in hours and tenths)<br>E = State of ground (Table 13) (Code 0900) (at 21h and 09h). |

| CODE FM 21 V—Ships | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGGi_w$ | Followed by first four groups as in **FM 11 V** above. | $D_s$ $v_s$ a pp | O $T_sT_s$ $T_dT_d$ | $1T_wT_wT_wt_T$. | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
| 99 = Indicator group.<br>$L_aL_aL_a$ = Latitude in tenths of a degree. | $Q_c$ = Quadrant of the globe (Table 17).<br>$L_oL_oL_oL_o$ = Longitude in tenths of a degree. | YY = Day of the month.<br>GG = Actual time to the nearest whole hour G.M.T.<br>$i_w$ = Wind indicator (Table 18). | | $D_s$ = Direction of movement of ship (Table 14).<br>$v_s$ = Speed of ship in knots (Table 15).<br>a = Characteristic of barometric tendency (Table 10).<br>pp = Barometric tendency (change of pressure in last three hours in tenths of millibars). | O = Indicator figure.<br>$T_sT_s$ = Difference between air temperature and sea temperature in ½ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.)<br>$T_dT_d$ = Dew point temperature in whole degrees Celsius. | 1 = Indicator figure.<br>$T_wT_wT_w$ = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added.<br>$t_T$ = The tenths figure of the air temperature. | 3 = Indicator figure.<br>$P_wP_w$ = Period of waves in seconds.<br>$H_wH_w$ = Height of the waves in units of 0·5 metre.<br>This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3//00. | $d_wd_w$ = Direction (in tens of degrees) from which waves come.<br>$P_w$ Period of waves (Table 16).<br>$H_wH_w$ Height of the waves in units of 0·5 metre.<br>This group is used to report swell when it is possible to make a clear distinction between swell and wind waves. |

### Table 1.—Code for Cloud Amount ($N$, $N_h$, $N_s$)

0 = None.

1 = 1 eighth of sky covered or less, but not zero.

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

7 = 7 eighths of sky covered or more, but not 8 eighths.

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

*Note.*—" Trace " would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). " Overcast but with openings " would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

### Table 2.—Degrees and Code Figures (dd) corresponding to compass directions

| Direction (Compass Points) | Exact equivalent in degrees | Code figures dd | Direction (Compass Points) | Exact equivalent in degrees | Code figures dd |
|---|---|---|---|---|---|
| Calm | — | 00 | | | |
| N'E. | 11¼ | 01 | S'W. | 191¼ | 19 |
| NNE. | 22½ | 02 | SSW. | 202½ | 20 |
| NE'N. | 33¾ | 03 | SW'S. | 213¾ | 21 |
| NE. | 45 | 05 | SW. | 225 | 23 |
| NE'E. | 56¼ | 06 | SW'W. | 236¼ | 24 |
| ENE. | 67½ | 07 | WSW. | 247½ | 25 |
| E'N. | 78¾ | 08 | W'S. | 258¾ | 26 |
| E. | 90 | 09 | W. | 270 | 27 |
| E'S | 101¼ | 10 | W'N. | 281¼ | 28 |
| ESE. | 112½ | 11 | WNW. | 292½ | 29 |
| SE'E. | 123¾ | 12 | NW'W. | 303¾ | 30 |
| SE. | 135 | 14 | NW. | 315 | 32 |
| SE'S. | 146¼ | 15 | NW'N. | 326¼ | 33 |
| SSE. | 157½ | 16 | NNW. | 337½ | 34 |
| S'E. | 168¾ | 17 | N'W. | 348¾ | 35 |
| S. | 180 | 18 | N. | 360 | 36 |

Variable, or all directions, or unknown, or waves confused, direction indeterminate ... ... 99

*Note.*—The direction to be observed is " true " not " magnetic "

### Table 3.—Code for Visibility—(VV) (Code 4377)

| First Code Figure | Second Code Figure 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| | Km | | | | | | | | | |
| 5 | 5 | * | * | * | * | * | 6 | 7 | 8 | 9 |
| 6 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 7 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 8 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | Over 70 |
| | METRES | | | | | | | | | |
| 9‡ | <50 | 50 | 200 | 500 | 1,000 | 2,000 | 4 | 10 | 20 | 50 or over |

In the range 01–50 the figures give actual visibility in tenths of kilometres. This table gives the meanings of higher code figures.
†Values not given may be obtained by interpolation.
* Code figures not used.
‡ Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

### Table 4.—Code for Past Weather (W) (Code 4500)

0 = Cloud covering ½ or less of the sky throughout the appropriate period.
1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.
3 = Sandstorm, duststorm or blowing snow.
4 = Fog, ice fog or thick haze (visibility less than 1000 m.).
5 = Drizzle.
6 = Rain.
7 = Snow, or rain and snow mixed.
8 = Shower(s)
9 = Thunderstorm(s) with or without precipitation.

The code for W covers the weather occurring during the last six hours.

## Table 5.—Code for Present Weather (ww) (Code 4677)

| | | |
|---|---|---|
| 00–19 No precipitation at the station at the time of observation. | 00 | Cloud development not observed. (Characteristic change of the state of the sky during the past hour.) |
| | 01 | Clouds generally dissolving or becoming less developed. (Characteristic change of the state of the sky during the past hour.) |
| | 02 | State of sky on the whole unchanged. (Characteristic change of the state of the sky during the past hour.) |
| | 03 | Clouds generally forming or developing. (Characteristic change of the state of the sky during the past hour.) |
| | 04 | Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes. |
| | 05 | Haze |
| | 06 | Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation |
| | 07 | Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station. |
| | 08 | Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm. |
| | 09 | Duststorm or sandstorm within sight of the station or at the station during the preceding hour. |
| | 10 | Mist. |
| | 11 | Shallow fog or ice fog, in patches. (Fog not deeper than about 2 metres on land or 10 metres at sea.) |
| | 12 | Shallow fog or ice fog, more or less continuous. (Fog not deeper than about 2 metres on land or 10 metres at sea.) |
| | 13 | Lightning visible, no thunder heard. |
| | 14 | Precipitation within sight, not reaching the ground or the surface of the sea. |
| | 15 | Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km) from the station. |
| | 16 | Precipitation within sight reaching the ground or the surface of the sea near to but not at the station. |
| | 17 | Thunderstorm, but no precipitation at time of observation. |
| | 18 | Squalls. (at or within sight of the station during the preceding hour or at the time of observation.) |
| | 19 | Funnel cloud(s)† (at or within sight of the station during the preceding hour or at the time of observation.) |
| 20–29 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation. | 20 | Drizzle (not freezing), or snow grains. (Not falling as shower(s).) |
| | 21 | Rain (not freezing). (Not falling as shower(s).) |
| | 22 | Snow. (Not falling as shower(s).) |
| | 23 | Rain and snow or ice pellets type (a). (Not falling as shower(s).) |
| | 24 | Freezing drizzle or freezing rain. (Not falling as shower(s).) |
| | 25 | Shower(s) of rain. |
| | 26 | Shower(s) of snow, or of rain and snow. |
| | 27 | Shower(s) of hail*, or of hail and rain. |
| | 28 | Fog or ice fog. |
| | 29 | Thunderstorm (with or without precipitation). |
| 30–39 Duststorms, Sandstorms, drifting or blowing snow. | 30 | Slight or moderate duststorm or sandstorm. (has decreased during preceding hour.) |
| | 31 | Slight or moderate duststorm or sandstorm. (no appreciable change during preceding hour.) |
| | 32 | Slight or moderate duststorm or sandstorm. (has begun or has increased during preceding hour.) |
| | 33 | Severe duststorm or sandstorm. (has decreased during preceding hour.) |
| | 34 | Severe duststorm or sandstorm. (no appreciable change during preceding hour.) |
| | 35 | Severe duststorm or sandstorm. (has begun or has increased during preceding hour.) |
| | 36 | Slight or moderate drifting snow. (generally low.) |
| | 37 | Heavy drifting snow. (generally low.) |
| | 38 | Slight or moderate blowing snow. (generally high.) |
| | 39 | Heavy blowing snow. (generally high.) |
| 40–49 Fog or ice fog at time of observation. | 40 | Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer. |
| | 41 | Fog or ice fog in patches. |
| | 42 | Fog or ice fog, sky discernible. (has become thinner during the preceding hour.) |
| | 43 | Fog or ice fog, sky not discernible. (has become thinner during the preceding hour.) |
| | 44 | Fog or ice fog, sky discernible. (no appreciable change during the preceding hour.) |
| | 45 | Fog or ice fog, sky not discernible. (no appreciable change during the preceding hour.) |
| | 46 | Fog or ice fog, sky discernible. (has begun, or has become thicker during the preceding hour.) |
| | 47 | Fog or ice fog, sky not discernible. (has begun, or has become thicker during the preceding hour.) |
| | 48 | Fog, depositing rime, sky discernible. |
| | 49 | Fog, depositing rime, sky not discernible. |
| 50–59 Drizzle at time of observation. | 50 | Drizzle, not freezing, intermittent. (slight at time of observation.) |
| | 51 | Drizzle, not freezing, continuous. (slight at time of observation.) |
| | 52 | Drizzle, not freezing, intermittent. (moderate at time of observation.) |
| | 53 | Drizzle, not freezing, continuous. (moderate at time of observation.) |
| | 54 | Drizzle, not freezing, intermittent. (heavy (dense) at time of observation.) |
| | 55 | Drizzle, not freezing, continuous. (heavy (dense) at time of observation.) |
| | 56 | Drizzle, freezing, slight. |
| | 57 | Drizzle, freezing, moderate or heavy (dense). |
| | 58 | Drizzle and rain, slight. |
| | 59 | Drizzle and rain, moderate or heavy. |
| 60–69 Rain at time of observation. | 60 | Rain, not freezing, intermittent. (slight at time of observation.) |
| | 61 | Rain, not freezing, continuous. (slight at time of observation.) |
| | 62 | Rain, not freezing, intermittent. (moderate at time of observation.) |
| | 63 | Rain, not freezing, continuous. (moderate at time of observation.) |
| | 64 | Rain, not freezing, intermittent. (heavy at time of observation.) |
| | 65 | Rain, not freezing, continuous. (heavy at time of observation.) |
| | 66 | Rain, freezing, slight. |
| | 67 | Rain, freezing, moderate or heavy. |
| | 68 | Rain or drizzle, and snow, slight. |
| | 69 | Rain or drizzle and snow, moderate or heavy. |
| 70–79 Solid precipitation not in showers. | 70 | Intermittent fall of snow flakes. (slight at time of observation.) |
| | 71 | Continuous fall of snow flakes. (slight at time of observation.) |
| | 72 | Intermittent fall of snow flakes. (moderate at time of observation.) |
| | 73 | Continuous fall of snow flakes. (moderate at time of observation.) |
| | 74 | Intermittent fall of snow flakes. (heavy at time of observation.) |
| | 75 | Continuous fall of snow flakes. (heavy at time of observation.) |
| | 76 | Ice prisms (with or without fog). |
| | 77 | Snow grains (with or without fog). |
| | 78 | Isolated starlike snow crystals (with or without fog). |
| | 79 | Ice pellets type (a). |
| 80–90 Showery precipitation | 80 | Rain shower(s), slight. |
| | 81 | Rain shower(s), moderate or heavy. |
| | 82 | Rain shower(s), violent. |
| | 83 | Shower(s) of rain and snow, slight. |
| | 84 | Shower(s) of rain and snow, moderate or heavy. |
| | 85 | Snow shower(s), slight. |
| | 86 | Snow shower(s), moderate or heavy. |
| | 87 | Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. (slight) |
| | 88 | Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. (moderate or heavy.) |
| | 89 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. (slight.) |
| | 90 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. (moderate or heavy.) |
| 91–99 Precipitation with current or recent thunderstorm | 91 | Slight rain at time of observation. (thunderstorm during the preceding hour, but not at time of observation.) |
| | 92 | Moderate or heavy rain at time of observation. (thunderstorm during the preceding hour, but not at time of observation.) |
| | 93 | Slight snow, rain and snow mixed, or hail* at time of observation. (thunderstorm during the preceding hour, but not at time of observation.) |
| | 94 | Moderate or heavy snow, rain and snow mixed or hail* at time of observation. (thunderstorm during the preceding hour, but not at time of observation.) |
| | 95 | Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation. (thunderstorm at time of observation.) |
| | 96 | Thunderstorm, slight or moderate, with hail* at time of observation. (thunderstorm at time of observation.) |
| | 97 | Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation. (thunderstorm at time of observation.) |
| | 98 | Thunderstorm combined with duststorm or sandstorm at time of observation. (thunderstorm at time of observation.) |
| | 99 | Thunderstorm, heavy, with hail* at time of observation. (thunderstorm at time of observation.) |

The expression "at the station" refers to a land station or a ship at the point from which observations are normally taken.

† Tornado cloud or water spout.

* Hail, ice pellets type (b), snow pellets. ICE PELLETS are defined as transparent or translucent pellets of ice, which are spherical or irregular, rarely conical, and which have a diameter of 5 mm. or less. They may be subdivided into two main types.

(a) Frozen raindrops or largely melted and refrozen snowflakes.

(b) Pellets of snow encased in a thin layer of ice. HAIL is defined as small balls or pieces of ice (hailstones) with a diameter ranging from 5 mm. to 50 mm. or sometimes more, falling either separately or agglomerated into irregular lumps.

## Table 6.—Code for form of Low Cloud ($C_L$) (Code 0513)

0 = No stratocumulus, stratus, cumulus or cumulonimbus.

1 = Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.

2 = Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus: all having their bases at the same level.

3 = Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil: cumulus, stratocumulus or stratus may also be present.

4 = Stratocumulus formed by the spreading out of cumulus: cumulus may also be present.

5 = Stratocumulus not resulting from the spreading out of cumulus.

6 = Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.

7 = Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both; usually below altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation.

8 = Cumulus and stratocumulus, other than those formed from the spreading out of cumulus: the base of cumulus is at a different level from that of stratocumulus.

9 = Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil; either accompanied or not by cumulus, stratocumulus, stratus or pannus.

/ = Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

## Table 7.—Code for form of Medium Cloud ($C_M$) (Code 0515)

0 = No altocumulus, altostratus or nimbostratus.

1 = Altostratus, the greater part of which is semi-transparent: through this part the sun or moon may be weakly visible as through ground glass.

2 = Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.

3 = Altocumulus, the greater part of which is semi-transparent, and no part of which is crenelated or in cumuliform tufts: the various elements of the cloud change only slowly and are all at a single level.

4 = Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent; the clouds are at one or more levels and the elements are continually changing in appearance.

5 = Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky: these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.

6 = Altocumulus resulting from the spreading out of cumulus.

7 = Any one of the following cases:—

(a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.

(b) Opaque layer of altocumulus not progressively invading the sky.

(c) Altocumulus together with altostratus or nimbostratus or both.

8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.

9 = Altocumulus, generally at several levels, in a chaotic sky: dense cirrus is usually also present.

/ = Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

## Code 8.—Code for form of High Cloud ($C_H$) (Code 0509)

0 = No cirrus, cirrocumulus or cirrostratus.

1 = Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called "mares' tails").

2 = Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus: or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.

3 = Dense cirrus, often in the form of an anvil; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.

4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky: they generally become denser as a whole.

5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone: in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.

6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone: in either case, they are progressively invading the sky, and generally growing denser as a whole; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.

7 = Veil of cirrostratus completely covering the celestial dome.

8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.

9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.

/ = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

## Table 9.—Code for Cloud Height (h) (Code 1600)

| Code figure | Height of base of cloud metres |
|---|---|
| 0 | 0–50 |
| 1 | 50–100 |
| 2 | 100–200 |
| 3 | 200–300 |
| 4 | 300–600 |
| 5 | 600–1,000 |
| 6 | 1,000–1,500 |
| 7 | 1,500–2,000 |
| 8 | 2,000–2,500 |
| 9 | Above 2,500 |
| / | Height of base of cloud not known or base of clouds at a level lower and tops at a level higher than that of the station. |

*Note* 1.—If there is no cloud at all code figure 9 is reported.

*Note* 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.

*Note* 3.—Height above ground of the base of cloud. If there is cloud of Form $C_L$ reported, h refers to this cloud. If, however, there is no cloud of Form $C_L$ and there is cloud of Form $C_M$ h refers to this cloud.

### Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)

0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs ago.

1 = Increasing, then steady; or increasing, then increasing more slowly.

2 = Increasing (steadily or unsteadily).

3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.

(1–3: atmospheric pressure now higher than 3 hrs ago.)

4 = Steady, atmospheric pressure the same as 3 hrs ago.

5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.

6 = Decreasing, then steady; or decreasing, then decreasing more slowly.

7 = Decreasing (steadily or unsteadily).

8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.

(6–8: atmospheric pressure now lower than 3 hrs ago.)

### Table 11.—Code for Type of Cloud (C) (Code 0500)

0 = Cirrus (Ci).

1 = Cirrocumulus (Cc).

2 = Cirrostratus (Cs).

3 = Altocumulus (Ac).

4 = Altostratus (As).

5 = Nimbostratus (Ns).

6 = Stratocumulus (Sc).

7 = Stratus (St).

8 = Cumulus (Cu).

9 = Cumulonimbus (Cb).

/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.

### Table 12.—Code for Height of Cloud ($h_sh_s$) (Code 1677)

Code figures 01–50: × 30 = height in metres. Code figures 56–80: − 50 × 3 = height in hundreds of metres.

CODE FIGURES 81–89

| Code figures | | Metres |
|---|---|---|
| 81 | = | 10,500 |
| 82 | = | 12,000 |
| 83 | = | 13,500 |
| 84 | = | 15,000 |
| 85 | = | 16,500 |
| 86 | = | 18,000 |
| 87 | = | 19,500 |
| 88 | = | 21,000 |
| 89 | = | >21,000 |

CODE FIGURES 90–99*

| Code figures | | Metres |
|---|---|---|
| 90 | = | <50 |
| 91 | = | 50–100 |
| 92 | = | 100–200 |
| 93 | = | 200–300 |
| 94 | = | 300–600 |
| 95 | = | 600–1,000 |
| 96 | = | 1,000–1,500 |
| 97 | = | 1,500–2,000 |
| 98 | = | 2,000–2,500 |
| 99 | = | 2,500 or more, or no clouds. |

*Only used when cloud height cannot be determined with greater accuracy.

### Table 13.—Code for State of Ground (E) (Code 0900)

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, frozen.
4 ... Glaze or ice on ground but no snow or melting snow.
5 ... Snow or melting snow (with or without ice) covering less than one half of ground.
6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).
7 ... Snow or melting snow (with or without ice) covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

### Table 14.—Code for Direction in which Ship has moved ($D_s$) (Code 0700)

0 = Stationary.
1 = North-east.
2 = East.
3 = South-east.
4 = South.
5 = South-west.
6 = West.
7 = North-west.
8 = North.
9 = No definite direction or unknown.

### Table 15.—Code for Speed of Ship ($v_s$) (Code 4451)

| | kt |
|---|---|
| 0 = | 0 |
| 1 = | 1–5 |
| 2 = | 6–10 |
| 3 = | 11–15 |
| 4 = | 16–20 |
| 5 = | 21–25 |
| 6 = | 26–30 |
| 7 = | 31–35 |
| 8 = | 36–40 |
| 9 = | >40 |

### Table 16.—Code for Period of Waves ($P_w$) (Code 3155)

| | sec |
|---|---|
| 0 = | 10 |
| 1 = | 11 |
| 2 = | 12 |
| 3 = | 13 |
| 4 = | 14 or more |
| 5 = | 5 or less |
| 6 = | 6 |
| 7 = | 7 |
| 8 = | 8 |
| 9 = | 9 |

### Table 17.—Quadrant of the globe ($Q_c$) (Code 3333)

| | Latitude | Longitude |
|---|---|---|
| 1 | North | East |
| 3 | South | East |
| 5 | South | West |
| 7 | North | West |

### Table 18.—Wind Indicator ($i_w$) (Code 1855)

0 = wind speed estimated
1 = wind speed obtained by anemometer
(0–1: wind speed in metres per second)
3 = wind speed estimated
4 = wind speed obtained by anemometer
(3–4: wind speed in knots)

### Table 19.—Code for Amount of Precipitation (RR) (Code 3577)

| | mm |
|---|---|
| 01–55 | Amount to the nearest whole millimetre. |
| 56 | 60 |
| 57–90 | Add 10 mm for each unit above 56 e.g., 73 = 230 mm |
| 91 | 0·1 |
| 92 | 0·2 |
| 93 | 0·3 |
| 94 | 0·4 |
| 95 | 0·5 |
| 96 | 0·6 |
| 97 | Trace (There has been precipitation but amount less than 0·05 mm). |
| 98 | >400 |
| 99 | Measurement impossible or inaccurate. |

### Table 20.—Explanation of Beaufort Letters (pages 1 and 4)

d = drizzle.
f = fog, visibility 200 metres, or more but less than 1 kilometre.
F = thick fog, visibility less than 200 metres.
h = hail, ice prisms or ice pellets types (a) and (b).
ks = storm of drifting snow.
l = lightning
p = shower(s).
r = rain.
s = snow
rs = rain and snow.
t = thunder.

Intensity is shown by capital letters ("heavy" or "thick") or suffix "o" ("slight"). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix "i". The prefix "j" indicates weather near but not at the station.

## 5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside Station circle.

TEMPERATURE is given in degrees C., and is shown on the charts by means of figures alongside the Station circle.

CLOUD SYMBOLS

Clear sky. Sky 1/8 covered. Sky 2/8 covered. Sky 3/8 covered. Sky 4/8 covered. Sky 5/8 covered. Sky 6/8 covered. Sky 7/8 Covered. Sky 8/8 covered. Sky obscured. Missing or doubtful data.

WEATHER SYMBOLS

Rain. Drizzle. Snow. Rain and snow. Hail. Shower. Thunderstorm. Fog. Mist.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced, in the following way—

Warm Front at the surface. Occluded Front.
Cold Front at the surface. Cold front frontogenesis.
Cold front frontolysis.
Stationary Front. Warm front frontogenesis.
Axis of trough. Warm front frontolysis.

*Note.*—The symbols are placed on the side of the line towards which the front is moving. Identification letters are inserted in systems.

ALTITUDES OF STATIONS:—The altitudes, in metres, of British and Irish stations are given below. These refer in each case to the datum level of the ground beneath or nearly beneath the thermometer screen. Where the official name of the station differs, this is given in brackets.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Boscombe Down | 126 | Hartland Point | 90 | Tynemouth | 29 | Sule Skerry | 13 |
| Hurn (Bournemouth/Hurn Airport) | 10 | Mount Batten (Plymouth/Mount Batten) | 27 | Carlisle | 26 | Cape Wrath | 112 |
| | | St. Mawgan | 103 | Valley | 10 | Stornoway | 15 |
| Manston | 44 | Scilly, St. Mary's | 48 | Ringway (Manchester Airport) | 75 | Benbecula | 6 |
| Gatwick (London/Gatwick Airport) | 59 | Culdrose | 82 | Squires Gate (Blackpool Airport) | 10 | Tiree | 9 |
| Kew | 5 | Guernsey Airport | 104 | Ronaldsway (Isle of Man/Ronaldsway Airport) | 17 | Aldergrove (Belfast/Aldergrove Airport) | 69 |
| Heathrow (London/Heathrow Airport) | 25 | Elmdon (Birmingham Airport) | 96 | Mull of Galloway | 78 | Malin Head | 20 |
| Honington | 49 | Cardington | 28 | Eskdalemuir | 242 | Belmullet | 9 |
| Wattisham | 89 | Wittering | 75 | Prestwick (Prestwick Airport) | 16 | Birr | 70 |
| Gorleston | 4 | Watnall | 117 | Abbotsinch (Glasgow Airport) | 5 | Dublin (Dublin Airport) | 68 |
| Aberporth | 133 | Shawbury | 72 | Leuchars | 10 | Shannon (Shannon Airport) | 2 |
| | | Finningley | 10 | Dyce (Aberdeen/Dyce) | 58 | Roches Point | 40 |
| Filton (Bristol/Filton) | 59 | Spurn Point | 12 | Lerwick | 82 | Valentia (Valentia Observatory) | 9 |
| Rhoose (Glamorgan/Rhoose Airport) | 67 | Leeming | 32 | Wick | 36 | | |

*H M S O Press, Bracknell, Berks.*

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 267 — MONTHLY SUMMARY — For MARCH 1978

CHANGEABLE; FIRST TWO WEEKS MILD

At first a complex low pressure area influenced the weather over the British Isles. Between the 4th and 7th, however, a small anticyclone which had developed to the west of Ireland drifted southeastwards over most of the British Isles and into France. On the 8th and 9th a well developed ridge of high pressure followed a cold front across all districts. Further fronts moved into the country later on the 9th but a ridge developed northwards from the anticyclone over the Continent on the 10th and a mild southerly airstream spread to most parts of the British Isles. This was replaced on the 11th and 12th as a cold front crossed all districts from the west. Fronts again reached western districts later on the 13th followed by a succession of troughs on the 14th, 15th and 16th as a complex low pressure area developed over the North Sea and the northeastern Atlantic. By the 17th the depressions had been displaced from the west by a ridge of high pressure. From then until the end of the month frontal systems crossed all areas from time to time interspersed occasionally with ridges of high pressure but these were, for the most part, rather poorly developed.

It was generally mild during early March and there were outbreaks of rain and clear or sunny periods. In England and Wales fog was widespread on the night of the 3rd/4th. The fog became dense and slow to clear in many places in east and northeast England, the Midlands and London area. On the 4th western and northern districts had sunny periods and scattered showers some of which were of snow or sleet over Scotland. While most of England and Wales had long clear or sunny periods during the next three days, outbreaks of rain occurred in Scotland and Northern Ireland. Rain spread across most districts later on the 7th heralding changeable weather generally. In addition to the outbreaks of rain and intervening clear or sunny periods there were isolated thunderstorms and hail. Hill and coastal fog was sometimes widespread in the west and north and along the Channel coasts especially between the 8th and the 10th. The 10th was a particularly mild day, a maximum temperature of 18°C (64°F) being recorded at Jubilee Corner in Kent. On the 13th, temperatures were nearer the normal and by the 15th some wintry showers had occurred over high ground in the north. Late that evening and overnight, sleet and snow spread across South Wales and southern England and continued to fall during the morning of the 16th. There were further outbreaks during the evening and snowfall was heavy for a short time in Cornwall and the Channel Islands. Scattered wintry showers in other districts became more frequent over much of England on the 17th but the 18th was mostly dry with sunny periods. During the rest of the month, outbreaks of rain and occasional thunder and hail alternated with clear or sunny periods. Although falls of sleet or snow occurred mostly in the north, they reached as far south as Lincolnshire and Norfolk on the 21st and sleet or snow also fell in parts of southern England on the 25th. The last few days were a little milder and although changeable weather continued, there were no more outbreaks of snow or sleet. Exposed places experienced gales at times particularly after the 13th. The gales blew mainly from westerly points.

In northern and eastern England and in the Midlands, mean monthly temperatures were between 1.0°C and 1.6°C above the long term average. Elsewhere, they were nearer to but still mostly above the average.

Rainfall totals (which include melted snow) were near or below average in northeastern England, South Wales and in parts of the Midlands and southern England. All other districts were wetter than average and in Jersey, parts of northwestern England and in much of western and southwestern Scotland more than twice the average amount of rain fell during the month.

In all western districts of Scotland, in northwestern and southwestern England, and in much of Wales, East Anglia and southeastern England sunshine totals ranged from 75% to 100% of average. Other districts were a little sunnier than average.

| PLACE | TEMPERATURE | | | | | | | | | | SUNSHINE | | | | | | | | | | RAINFALL | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum °C | Difference from average | Mean minimum °C | Difference from average | Highest maximum °C | Date | Lowest minimum °C | Date | No. of days with grass minimum below 0° C | No. of air frosts | Days of no sunshine | Maximum duration hrs. | Date | Total for month hrs. | % of average | Highest and lowest totals on record for month: First year of record | Highest hrs. | Year | Lowest hrs. | Year | Days of no rainfall (0·1 mm. or less) | Maximum fall in 24 hrs. (Beginning 09 h.) mm. | Date | Total for month mm. | % of average | Highest and lowest totals on record for month: First year of record | Highest mm. | Year | Lowest mm. | Year | Days with thunder | Days with snow or rain and snow | Days with fog (Vis. < 200 metres at 09 h.) |
| Kew Thorney Island | 11.1 | +1.3 | 03.6 | +1.1 | 16.2 | 10 | -02.9 | 06 | 15 | 06 | 04 | 09.8 | 06 | 118 | 105 | 1880 | 183 | 1907 | 057 | 1888 | 13 | 13 | 15 | 053 | 138 | 1866 | 118 | 1947 | 01 | 1929 | 01 | 03 | 00 |
| Cardington | 11.3 | +1.3 | 02.7 | +1.3 | 17.0 | 11 | -03.0 | 18 | 17 | 05 | 02 | 09.7 | 05 | 129 | 113 | 1950 | 178 | 1967 | 052 | 1964 | 11 | 11 | 15 | 053 | 144 | 1948 | 079 | 1975 | 02 | 1961 | 02 | 02 | 00 |
| Boscombe Down | 10.2 | +0.5 | 02.9 | +0.9 | 15.9 | 10 | -01.5 | 05 | 15 | 05 | 03 | 10.4 | 30 | 130 | 106 | 1933 | 185 | 1948 | 070 | 1964 | 09 | 09 | 13 | 053 | 111 | 1931 | 141 | 1947 | 02 | 1961 | 01 | 03 | 01 |
| Rhoose | 09.8 | -0.2 | 03.9 | +1.1 | 12.2 | (a) | -02.3 | 05 | 11 | 05 | 05 | 09.9 | 05 | 120 | 098 | 1955 | 172 | 1955 | 080 | (a) | 09 | 12 | 31 | 090 | 156 | 1955 | 097 | 1963 | 13 | 1961 | 01 | 04 | 01 |
| Mount Batten | 10.1 | +0.2 | 05.1 | +0.8 | 12.5 | 04 | -00.7 | 18 | 08 | 01 | 05 | 10.4 | 06 | 118 | 089 | 1921 | 209 | 1929 | 081 | 1947 | 07 | 12 | 27 | 114 | 153 | 1921 | 196 | 1947 | 03 | 1944 | 02 | 01 | 00 |
| Elmdon | 10.4 | +1.2 | 03.0 | +1.4 | 16.4 | 10 | -04.1 | 05 | 14 | 05 | 03 | 10.1 | 30 | 130 | 124 | 1945 | 161 | 1961 | 056 | 1969 | 12 | 06 | 20 | 036 | 075 | 1941 | 125 | 1947 | 03 | 1944 | 02 | 07 | 00 |
| Valley | 09.3 | -0.2 | 05.2 | +1.6 | 11.5 | 08 | -01.4 | 05 | 05 | 01 | 02 | 09.9 | 04 | 120 | 090 | 1946 | 196 | 1955 | 085 | 1951 | 11 | 12 | 20 | 063 | 123 | 1941 | 144 | 1947 | 14 | 1961 | 00 | 03 | 00 |
| Ringway | 09.8 | +0.6 | 03.9 | +1.6 | 13.9 | 10 | -01.7 | 05 | 08 | 02 | 00 | 10.0 | 29 | 104 | 095 | 1946 | 169 | 1948 | 063 | 1964 | 13 | 15 | 20 | 064 | 134 | 1942 | 124 | 1947 | 13 | 1944 | 02 | 03 | 00 |
| Watnall | 10.3 | +1.4 | 03.1 | +1.3 | 16.3 | 10 | -01.7 | 18 | 19 | 03 | 04 | 09.9 | 30 | 116 | 120 | 1948 | 155 | 1948 | 048 | 1964 | 11 | 09 | 25 | 059 | 118 | 1942 | 143 | 1947 | 06 | (a) | 00 | 08 | 00 |
| Finningley | 11.0 | +1.5 | 02.6 | +0.5 | 15.5 | 10 | -01.6 | 09 | 15 | 08 | 00 | 10.7 | 30 | 118 | 111 | 1958 | 160 | 1967 | 053 | 1964 | 10 | 12 | 20 | 037 | 099 | 1958 | 082 | (b) | 07 | 1973 | 00 | 07 | 00 |
| Tynemouth | 09.4 | +1.6 | 04.2 | +1.1 | 13.6 | 11 | 00.0 | 05 | 06 | 00 | 03 | 09.9 | 30 | 118 | 116 | 1937 | 166 | 1967 | 030 | 1964 | 19 | 12 | 31 | 031 | 083 | 1864 | 126 | 1909 | 01 | 1953 | 00 | 02 | 00 |
| Eskdalemuir | 07.0 | -0.2 | 01.6 | +1.5 | 11.6 | 08 | -07.0 | 05 | 17 | 09 | 08 | 09.8 | 21 | 073 | 076 | 1911 | 185 | 1929 | 044 | 1936 | 05 | 33 | 13 | 225 | 225 | 1911 | 226 | 1963 | 17 | 1944 | 01 | 09 | 00 |
| Abbotsinch | 09.1 | +0.3 | 03.2 | +1.0 | 11.6 | 10 | -04.4 | 05 | 14 | 07 | 04 | 09.9 | 04 | 095 | 101 | 1921 | 141 | 1970 | 039 | 1936 | 06 | 16 | 19 | 153* | 251 | 1921 | 143 | 1921 | 17 | 1969 | 01 | 10 | 00 |
| Leuchars | 09.2 | +0.9 | 02.6 | +0.6 | 13.6 | (b) | -01.6 | 31 | 15 | 07 | 03 | 10.2 | 21 | 120 | 105 | 1922 | 187 | 1929 | 049 | 1964 | 10 | 06 | 31 | 052 | 129 | 1922 | 103 | 1958 | 07 | 1973 | 00 | 03 | 00 |
| Dyce | 08.8 | +1.1 | 02.0 | +0.8 | 13.6 | 10 | -01.0 | 26 | 19 | 08 | 04 | 10.3 | 29 | 129 | 121 | 1941 | 160 | 1953 | 030 | 1964 | 10 | 12 | 15 | 059 | 118 | 1942 | 127 | 1958 | 07 | 1953 | 00 | 07 | 00 |
| Stornoway | 07.8 | -0.5 | 03.1 | +0.2 | 10.4 | 10 | -01.4 | 05 | 11 | 03 | 08 | 11.0 | 31 | 093 | 086 | 1881 | 172 | 1911 | 055 | 1938 | 01 | 15 | 19 | 143 | 188 | 1943 | 202 | 1967 | 19 | 1969 | 00 | 06 | 00 |
| Aldergrove | 09.2 | +0.2 | 03.0 | +0.6 | 13.6 | 10 | -03.3 | 17 | 13 | 07 | 05 | 08.7 | 27 | 103 | 101 | 1927 | 181 | 1929 | 059 | 1957 | 07 | 09 | 20 | 087 | 151 | 1927 | 122 | 1940 | 09 | 1953 | 01 | 06 | 00 |

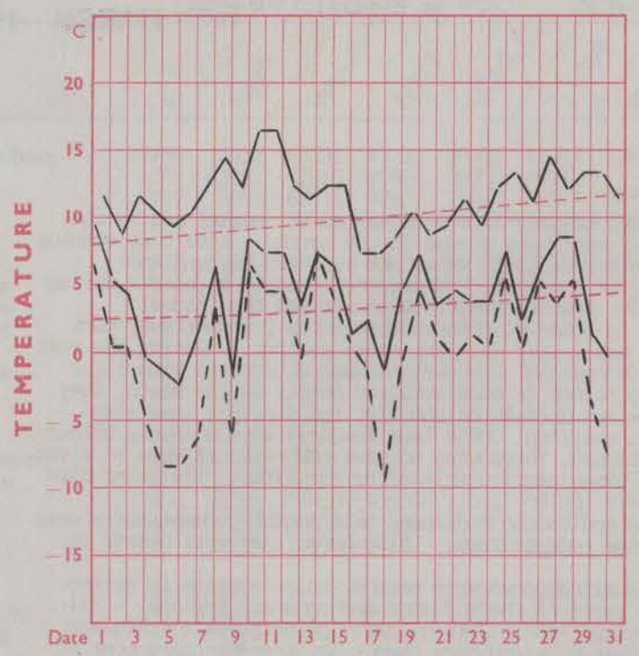
(a) 04, 08
(b) 08, 10

(a) 1964, 1977

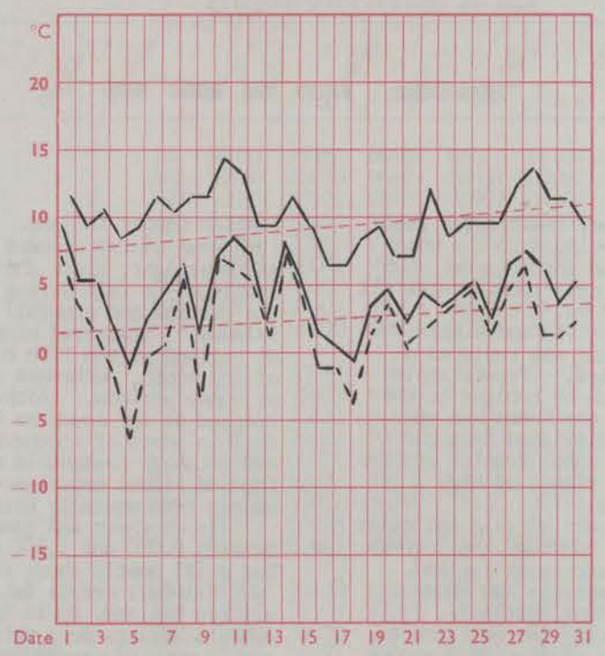
*New highest

(a) 1944, 1961
(b) 1964, 1972

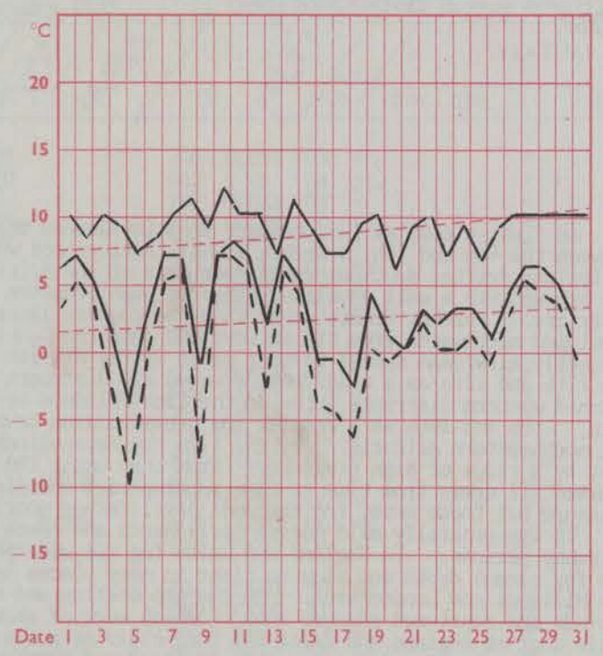
## LONDON (Kew)



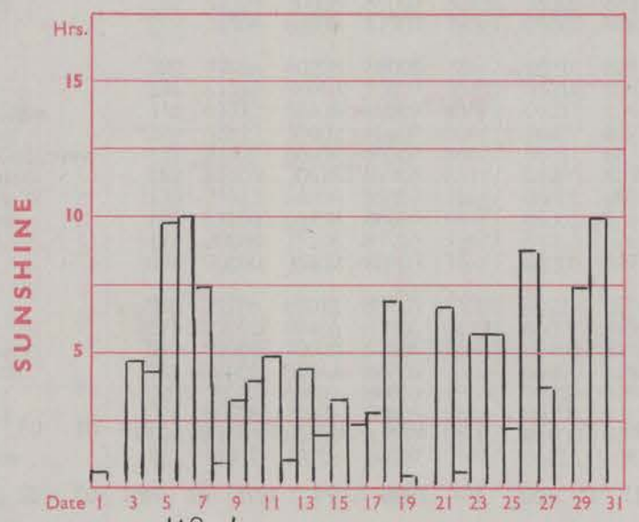

## MANCHESTER (Ringway)



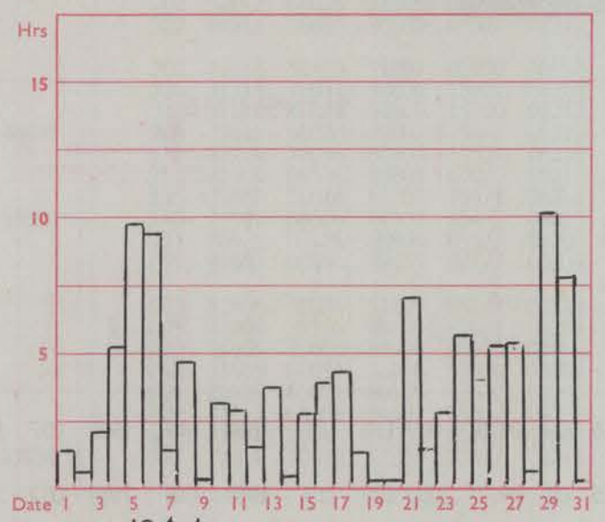

## GLASGOW (Abbotsinch)



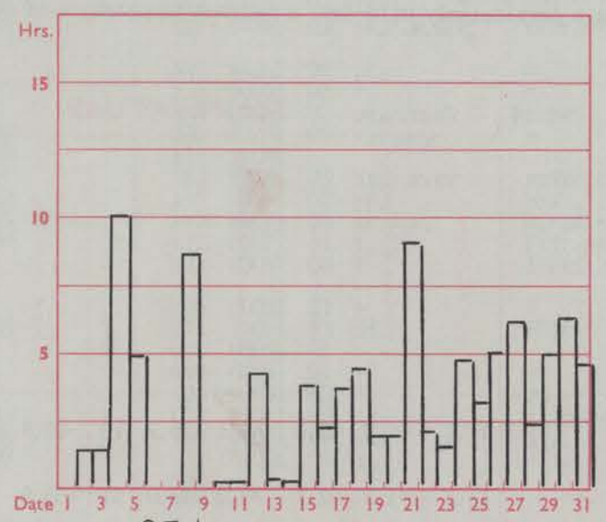

Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall readings and may not be absolutely comparable with the daily values plotted above which are obtained from psychrometer measurements.




Total for month 118 hrs 30-year (1941-1970) average 112 hrs.

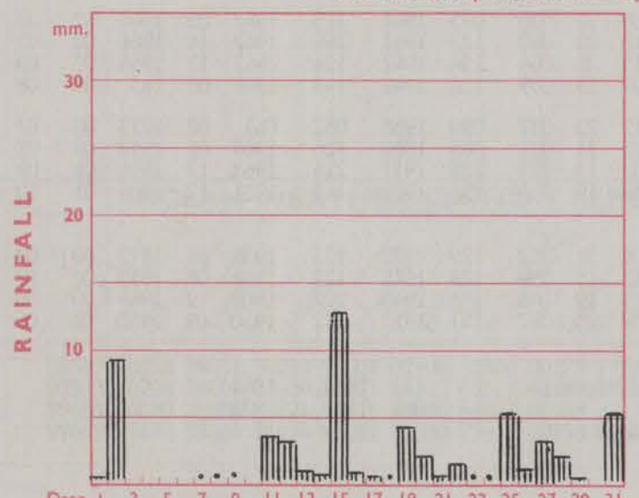



Total for month 104 hrs 30-year (1941-1970) average 109 hrs.

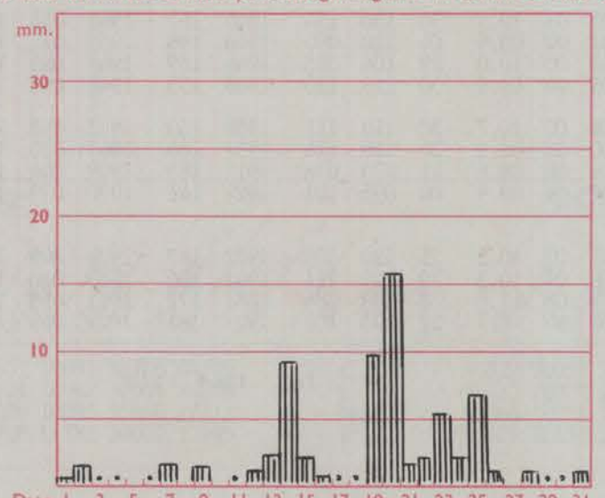



Total for month 95 hrs 30-year (1941-1970) average 94 hrs.

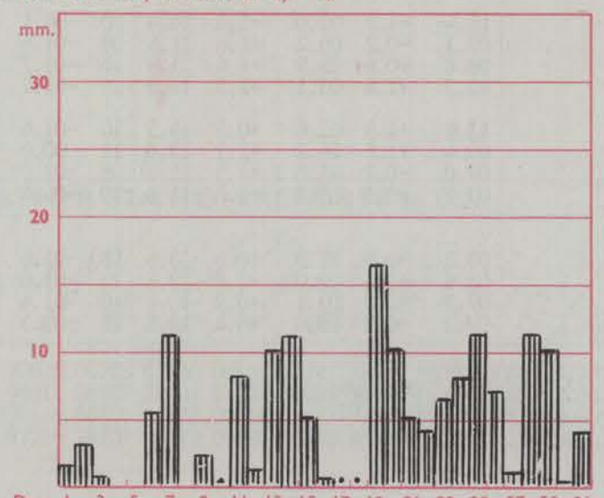
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "




Total for month 53 mm 30-year (1941-1970) average 38 mm.




Total for month 64 mm 30-year (1941-1970) average 48 mm.




Total for month 153 mm 30-year (1941-1970) average 61 mm.

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 10c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

*H.M.S.O. Press, Bracknell, Berks.*

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42468

Date of Issue WEDNESDAY 1 MARCH 1978

Code FM 11.V

## OBSERVATIONS at 12h. 28 February 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71516 | 68216 | 96808 | 763// | 07703 | 87709 | | |
| Hurn | 862 | 71612 | 60016 | 97208 | 754// | 07801 | 81710 | 87630 | |
| Manston | 797 | 71712 | 56052 | 01109 | 46376 | 07203 | 84708 | 83360 | 86268 |
| Gatwick | 776 | 71613 | 66022 | 99309 | 68438 | 06500 | 83815 | 86656 | 87275 |
| Kew | 775 | 71612 | 65022 | 98711 | 21402 | 07805 | 82818 | 87075 | |
| Heathrow | 772 | 71612 | 68032 | 98911 | 48438 | 07802 | 83818 | 87275 | |
| Honington | 586 | 81712 | 58031 | 00307 | 862// | 05108 | 82704 | 86706 | 88710 |
| Wattisham | 590 | 81711 | 50284 | 00507 | 860// | 06108 | 82701 | 86703 | 88706 |
| Gorleston | 497 | 81818 | 16284 | 01205 | 855// | 04210 | 88620 | | |
| Aberporth | 502 | 71420 | 67801 | 91609 | 68472 | 07709 | 81710 | 86815 | |
| Filton | 628 | 71515 | 62808 | 95509 | 784// | 07804 | 82712 | 85818 | 87650 |
| Rhoose | 715 | 71213 | 62216 | 94008 | 7527/ | 07806 | 81704 | 87612 | |
| Hartland Point | 703 | 81420 | 66021 | 91210 | 854// | 08710 | 83710 | 88630 | |
| Mount Batten | 827 | 71617 | 63256 | 92610 | 784// | 08704 | 81710 | 87620 | |
| St.Mawgan | 817 | 71621 | 58218 | 90409 | 7827/ | 09603 | 84705 | 86620 | |
| Scilly | 804 | 81718 | 58038 | 88211 | 6542/ | 10803 | 86618 | 88458 | |
| Culdrose | 809 | 61820 | 56052 | 90010 | 6833/ | 09504 | 81706 | 83708 | 85625 |
| Guernsey | 894 | 71618 | 66606 | 96309 | 7523/ | 07101 | 82705 | 85615 | 86635 |
| Elmdon | 534 | 71615 | 65021 | 96608 | 58476 | 05101 | 83812 | 83635 | 85465 |
| Cardington | 559 | 71714 | 62021 | 98510 | 31475 | 06000 | 83815 | 83365 | 87075 |
| Wittering | 462 | 71814 | 66021 | 98310 | 41401 | 06106 | 84813 | 87075 | |
| Watnall | 354 | 81608 | 58051 | 97709 | 664/7 | 07107 | 85712 | 83820 | 88275 |
| Shawbury | 414 | 71510 | 66011 | 95709 | 38438 | 07002 | 83814 | 83362 | 87270 |
| Finningley | 360 | 71607 | 62011 | 97508 | 75402 | 06110 | 87611 | | |
| Spurn Point | 396 | 82108 | 62031 | 98607 | 855// | 06214 | 88620 | | |
| Leeming | 257 | 61813 | 60041 | 96009 | 58504 | 06109 | 85820 | 83075 | |
| Tynemouth | 262 | 51812 | 80022 | 95511 | 42630 | 05218 | 84830 | | |
| Carlisle | 222 | 52408 | 75038 | 93910 | 48441 | 04113 | 81717 | 84822 | |
| Valley | 302 | 71510 | 82031 | 92610 | 15546 | 06000 | 81625 | 83365 | 86272 |
| Ringway | 334 | 71911 | 62021 | 95709 | 21436 | 05002 | 82816 | 87270 | |
| Squires Gate | 318 | 61612 | 62031 | 94911 | 28532 | 08006 | 81820 | 85070 | |
| Ronaldsway | 204 | 41810 | 60011 | 93408 | 15330 | 07109 | 81707 | 83360 | |
| Mull of Galloway | 131 | 62120 | 66031 | 92807 | 5634/ | 07217 | 85708 | | |
| Eskdalemuir | 162 | 82014 | 45106 | 94206 | 871// | 05118 | 88702 | | |
| Prestwick | 135 | 62114 | 70018 | 92009 | 685// | 06118 | 81820 | 85640 | |
| Abbotsinch | 140 | 72010 | 80028 | 91910 | 785// | 06219 | 82822 | 86650 | |
| Leuchars | 171 | 72113 | 75028 | 92611 | 38542 | 05218 | 82820 | 85075 | |
| Dyce | 091 | 61812 | 75024 | 91810 | 32442 | 06212 | 83814 | 85072 | |
| Lerwick | 005 | 90802 | 03434 | 93404 | 9//// | 04211 | 89/01 | | |
| Wick | 075 | 91508 | 02434 | 91005 | 9//// | 05209 | 89/00 | | |
| Sule Skerry | 010 | 91415 | 08454 | 90906 | 9//// | 05211 | 89/00 | | |
| Cape Wrath | 049 | 53204 | 81031 | 89209 | 35531 | 03211 | 83620 | 84360 | |
| Stornoway | 026 | 71308 | 67026 | 88507 | 754// | 05307 | 81712 | 86622 | |
| Benbecula | 022 | 71511 | 50586 | 86808 | 752// | 07213 | 84704 | 85707 | 87614 |
| Tiree | 100 | 71821 | 59506 | 88007 | 753// | 06220 | 82708 | 84712 | 87622 |
| Aldergrove | 917 | 31913 | 80001 | 90809 | 38580 | 04216 | 83820 | ~~86640~~ | |
| Malin | 980 | 21922 | 82018 | 88410 | 18432 | 06214 | 81818 | | |
| Belmullet | 976 | 41710 | 78258 | 87310 | 43400 | 07217 | 81717 | 83820 | 81920 |
| Birr | 965 | 21412 | 75010 | 89211 | 22502 | 05001 | 82820 | | |
| Dublin | 969 | 41212 | 60021 | 91109 | 22532 | 07206 | 82820 | 83361 | |
| Shannon | 962 | 41411 | 79011 | 87510 | 38502 | 06808 | 82820 | | |
| Roches Point | 952 | 80913 | 57108 | 87109 | 864// | 08811 | 84710 | 88715 | |
| Valentia | 953 | 71110 | 75031 | 86311 | 78502 | 05803 | 84823 | 86640 | |

## OBSERVATIONS at 18h. 28 February 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81317 | 62618 | 95308 | 855// | 06703 | 85628 | 88650 | |
| Hurn | 862 | 81315 | 60606 | 95609 | 854// | 07502 | 84616 | 86622 | 88650 |
| Manston | 797 | 71510 | 63031 | 00807 | 15571 | 06304 | 81620 | 83360 | |
| Gatwick | 776 | 71310 | 64026 | 97909 | 45631 | 06702 | 84645 | 85075 | |
| Kew | 775 | 71507 | 68218 | 97810 | 5347/ | 07400 | 81818 | 85640 | 87360 |
| Heathrow | 772 | 71409 | 62606 | 97810 | 784// | 07701 | 82817 | 87645 | |
| Honington | 586 | 71308 | 60032 | 99907 | 20936 | 06305 | 82364 | 87278 | |
| Wattisham | 590 | 41411 | 56101 | 00107 | 10932 | 06308 | 81359 | 84075 | |
| Gorleston | 497 | 01609 | 08424 | 01105 | 00900 | 05400 | | | |
| Aberporth | 502 | 71520 | 60638 | 89508 | 752// | 07503 | 81705 | 85708 | 87630 |
| Filton | 628 | 81515 | 58628 | 94408 | 853// | 07302 | 83708 | 86615 | 88622 |
| Rhoose | 715 | 81212 | 58608 | 92707 | 853// | 06501 | 82708 | 88611 | |
| Hartland Point | 703 | 81815 | 70158 | 90109 | 823// | 09501 | 87708 | 88820 | |
| Mount Batten | 827 | 71717 | 58016 | 91410 | 7527/ | 09500 | 82704 | 85710 | 86635 |
| St.Mawgan | 817 | 71713 | 56026 | 90109 | 762// | 09209 | 83703 | 87706 | |
| Scilly | 804 | 71716 | 56026 | 88310 | 35578 | 09206 | 83628 | 83360 | 86275 |
| Culdrose | 809 | 71913 | 58056 | 89810 | 45208 | 09209 | 82705 | 83625 | 87270 |
| Guernsey | 894 | 61717 | 75258 | 94809 | 58432 | 08105 | 81815 | 83620 | 85359 |
| Elmdon | 534 | 81512 | 50588 | 95708 | 853// | 07201 | 85709 | 88618 | |
| Cardington | 559 | 81610 | 62608 | 97910 | 855// | 07105 | 82625 | 88640 | |
| Wittering | 462 | 71709 | 75022 | 97509 | 35532 | 06203 | 83625 | 87075 | |
| Watnall | 354 | 81605 | 56252 | 96909 | 884// | 07301 | 84816 | 88625 | |
| Shawbury | 414 | 71412 | 59212 | 94310 | 784// | 06500 | 81710 | 85817 | 87625 |
| Finningley | 360 | 81310 | 62022 | 96709 | 856// | 07302 | 88634 | | |
| Spurn Point | 396 | 51513 | 62022 | 98305 | 35505 | 04302 | 83625 | 83275 | |
| Leeming | 257 | 81512 | 60042 | 96209 | 856// | 06302 | 88640 | | |
| Tynemouth | 262 | 71612 | 61022 | 97007 | 7097/ | 05309 | 87358 | | |
| Carlisle | 222 | 81106 | 60032 | 94609 | 755/2 | 05305 | 81622 | 83626 | 86647 |
| Valley | 302 | 71209 | 75212 | 90809 | 754// | 07702 | 81618 | 87622 | |
| Ringway | 334 | 71411 | 59212 | 94609 | 755// | 07803 | 82622 | 87630 | 86656 |
| Squires Gate | 318 | 81214 | 60032 | 94009 | 854// | 07701 | 83618 | 88625 | |
| Ronaldsway | 204 | 71216 | 63251 | 91907 | 68432 | 06006 | 81713 | 84830 | 85645 |
| Mull of Galloway | 131 | 71520 | 70031 | 92006 | 756// | 05705 | 87630 | | |
| Eskdalemuir | 162 | 71402 | 70032 | 95306 | 684/2 | 03308 | 81818 | 86630 | |
| Prestwick | 135 | 51610 | 62011 | 93807 | 28402 | 05109 | 81817 | 84075 | |
| Abbotsinch | 140 | 71507 | 70158 | 94009 | 38501 | 05312 | 81822 | 83640 | 86072 |
| Leuchars | 171 | 51309 | 82031 | 95207 | 18542 | 03215 | 81825 | 85075 | |
| Dyce | 091 | 31812 | 68051 | 95207 | 38401 | 03122 | 82818 | | |
| Lerwick | 005 | 90708 | 03504 | 95005 | 9//// | 05210 | 89/01 | | |
| Wick | 075 | 41808 | 62054 | 93306 | 25630 | 04216 | 82640 | 83359 | |
| Sule Skerry | 010 | 71109 | 58024 | 92907 | 755// | 06215 | 87625 | | |
| Cape Wrath | 049 | 71804 | 82032 | 92109 | 48445 | 05218 | 81815 | 84620 | 86360 |
| Stornoway | 026 | 81709 | 58606 | 91307 | 852// | 07317 | 82705 | 86710 | 88625 |
| Benbecula | 022 | 71717 | 80216 | 89908 | 654/2 | 06222 | 81712 | 86618 | |
| Tiree | 100 | 11516 | 66016 | 90907 | 15601 | 06215 | 81632 | | |
| Aldergrove | 917 | 71108 | 62801 | 90908 | 58532 | 05000 | 83824 | 85632 | |
| Malin | 980 | 51314 | 80031 | 89908 | 18502 | 05309 | 81822 | 84075 | |
| Belmullet | 976 | 50703 | 80031 | 86809 | 48532 | 06501 | 82820 | 83640 | |
| Birr | 965 | 81107 | 62218 | 86709 | 864// | 07604 | 86713 | 86633 | |
| Dublin | 969 | 71315 | 59506 | 88408 | 762// | 07609 | 83004 | 84706 | 85708 |
| Shannon | 962 | 80905 | 60008 | 85009 | 884// | 08504 | 81710 | 84715 | 85820 |
| Roches Point | 952 | 71307 | 58218 | 85508 | 773// | 07305 | 85709 | 87639 | |
| Valentia | 953 | 71005 | 70808 | 83909 | 785// | 08502 | 85820 | 85640 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 03091 | 001 | $r_or_oprpr_o$ | $pr_orr_or_o$ |
| Hurn | 862 | 02101 | 001 | $r_o$ | $r_or$ |
| Manston | 797 | 00101 | 026 | + | + |
| Gatwick | 776 | 97101 | 018 | $r_o$ | + |
| Kew | 775 | 91121 | 020 | + | $pr_or_o$ |
| Heathrow | 772 | 92111 | 008 | $r_o$ | $r_o$ |
| Honington | 586 | 00101 | 040 | + | + |
| Wattisham | 590 | 00091 | 017 | f | + |
| Gorleston | 497 | | 030 | | |
| Aberporth | 502 | 04101 | 013 | $pr_or$ | $ir_orrr_or_o$ |
| Filton | 628 | 04091 | 001 | $prpr_orr_o$ | $r_o$–$d_or_orr_o$ |
| Rhoose | 715 | 02095 | 001 | $r_oir_orr_opr_opr$ | $r_orr_ord_o$ |
| Hartland Point | 703 | 01112 | 014 | | |
| Mount Batten | 827 | 03111 | 006 | $pr_or$ | $r_or$ |
| St.Mawgan | 817 | 04101 | 001 | $rrr_or_o$ | $r_or_o$ |
| Scilly | 804 | 02122 | 041 | prir | ir |
| Culdrose | 809 | 01112 | 000 | $r_or_oir_o$ | $ir_o$ |
| Guernsey | 894 | 01091 | 007 | $ir_or_or_o$ | $pr_o$ |
| Elmdon | 534 | 04101 | 001 | $r_opr_o$ | $pr_od_o$–$d_or_orR$ |
| Cardington | 559 | 97121 | 033 | + | $pr_oir_o$ |
| Wittering | 462 | 01111 | 032 | + | $r_orr_o$ |
| Watnall | 354 | 01111 | 002 | $pr_o$ | $r_or$ |
| Shawbury | 414 | 92111 | 001 | + | $r_o$ |
| Finningley | 360 | 97111 | 008 | + | $r_o$ |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00111 | 049 | + | + |
| Tynemouth | 262 | 00111 | 051 | + | + |
| Carlisle | 222 | 00121 | 048 | + | + |
| Valley | 302 | 03131 | 032 | + | $ir_or_oir_o$ |
| Ringway | 334 | 92111 | 030 | + | $r_o$–$r_o$ |
| Squires Gate | 318 | 92121 | 052 | + | $r_o$ |
| Ronaldsway | 204 | 91091 | 045 | + | $pr_or_o$ |
| Mull of Galloway | 131 | 00081 | | | |
| Eskdalemuir | 162 | 96081 | 012 | ffr | $r_o$ |
| Prestwick | 135 | 00111 | 045 | + | + |
| Abbotsinch | 140 | 97111 | 041 | $pr_o$ | + |
| Leuchars | 171 | 91121 | 049 | $pr_o$ | + |
| Dyce | 091 | 00111 | 058 | + | + |
| Lerwick | 005 | 97061 | 000 | Fff | $id_of$ |
| Wick | 075 | 00071 | 015 | ff | + |
| Sule Skerry | 010 | 00071 | | | |
| Cape Wrath | 049 | 00111 | 044 | + | + |
| Stornoway | 026 | 02091 | 001 | $ir_o$ | $r_od_or_o$ |
| Benbecula | 022 | 01091 | 000 | $d_or_or_or_oir_o$ | $ir_o$ |
| Tiree | 100 | 02091 | 010 | $ir_or_or_ord_oR$ | + |
| Aldergrove | 917 | 94111 | 047 | + | $pr_or_od_o$–$r_o$ |
| Malin | 980 | 97 | | | |
| Belmullet | 976 | 97 | | | |
| Birr | 965 | 97 | | | |
| Dublin | 969 | 91 | | | |
| Shannon | 962 | 95 | | | |
| Roches Point | 952 | 02 | | | |
| Valentia | 953 | 02 | | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 12h.

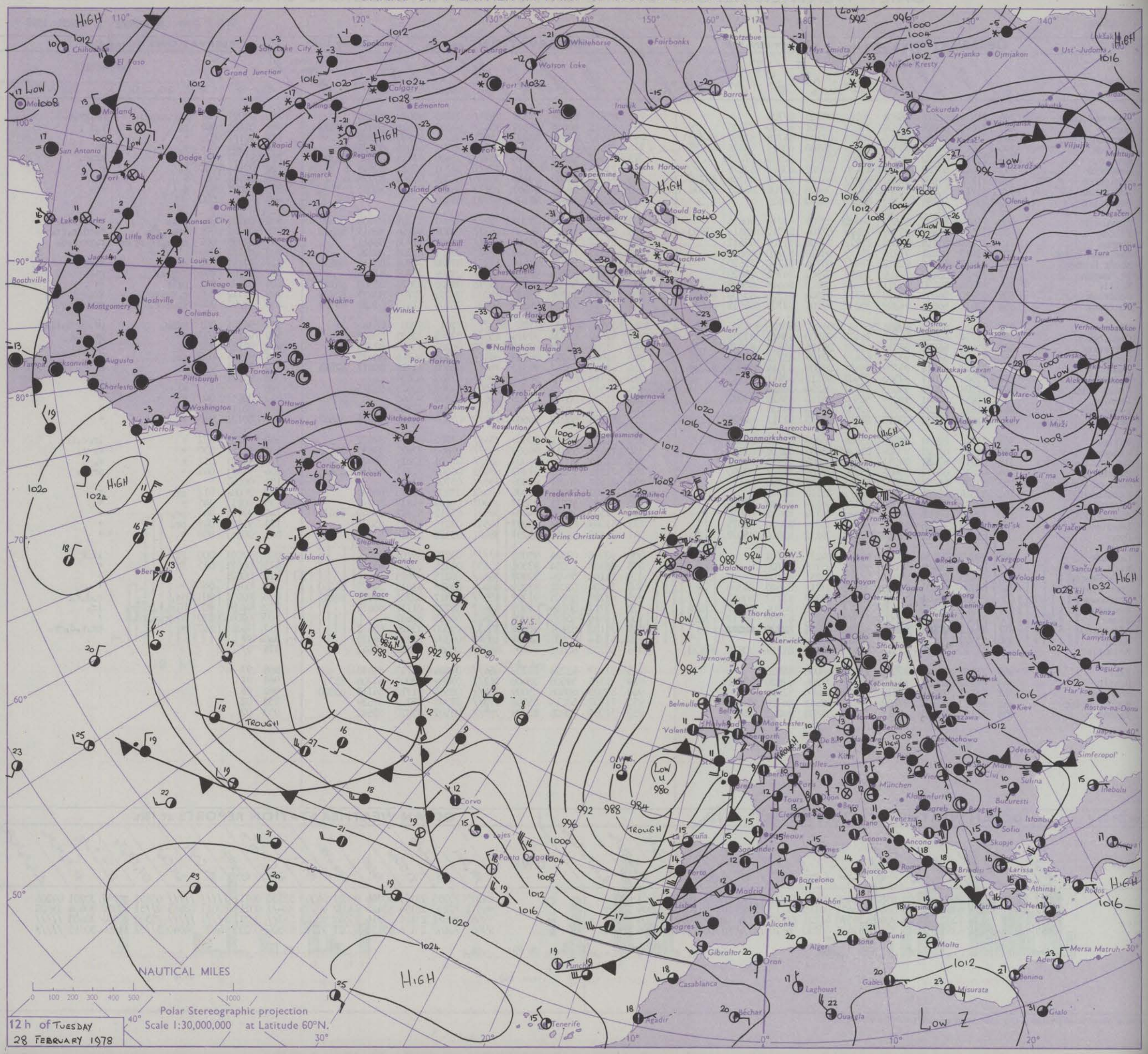
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 28121 | 30404 | 98028 | 05502 | 32400 | 00001 | ///// | ///// | 05951 | 10758 | 30201 | 03307 |
| | 99572 | 70201 | 28124 | 63522 | 97018 | 88605 | 48471 | 00115 | 81710 | 83625 | 0//00 | 10962 | 30504 | 35009 |
| | 99662 | 10021 | 28124 | 72020 | 97028 | 90606 | 36370 | 41221 | ///// | ///// | 00104 | 10593 | 30504 | ///// |
| | 99469 | 70171 | 28124 | 6352[illegible] | 98016 | 85009 | 62401 | 00250 | [illegible]6810 | ///// | 0//06 | 11189 | 30706 | 26405 |

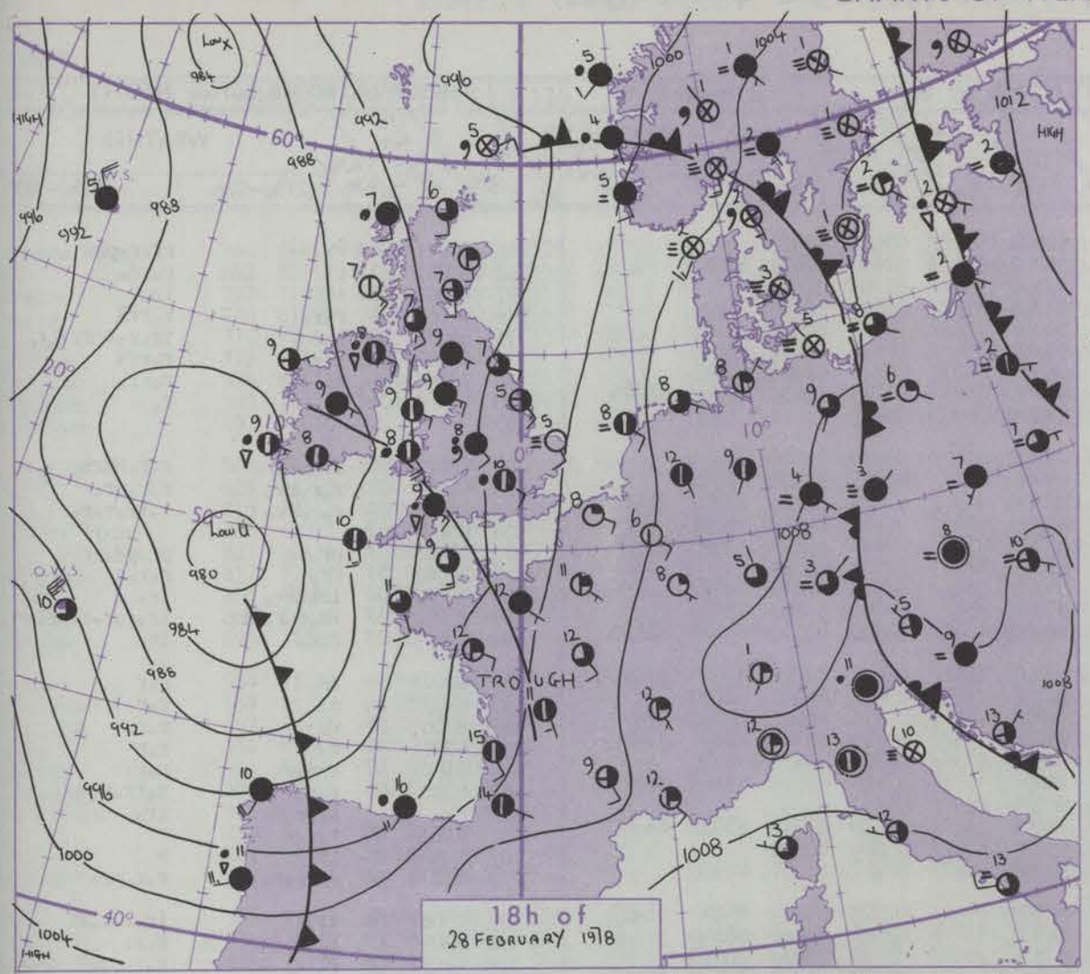
## OCEAN WEATHER STATION REPORTS at 18h.

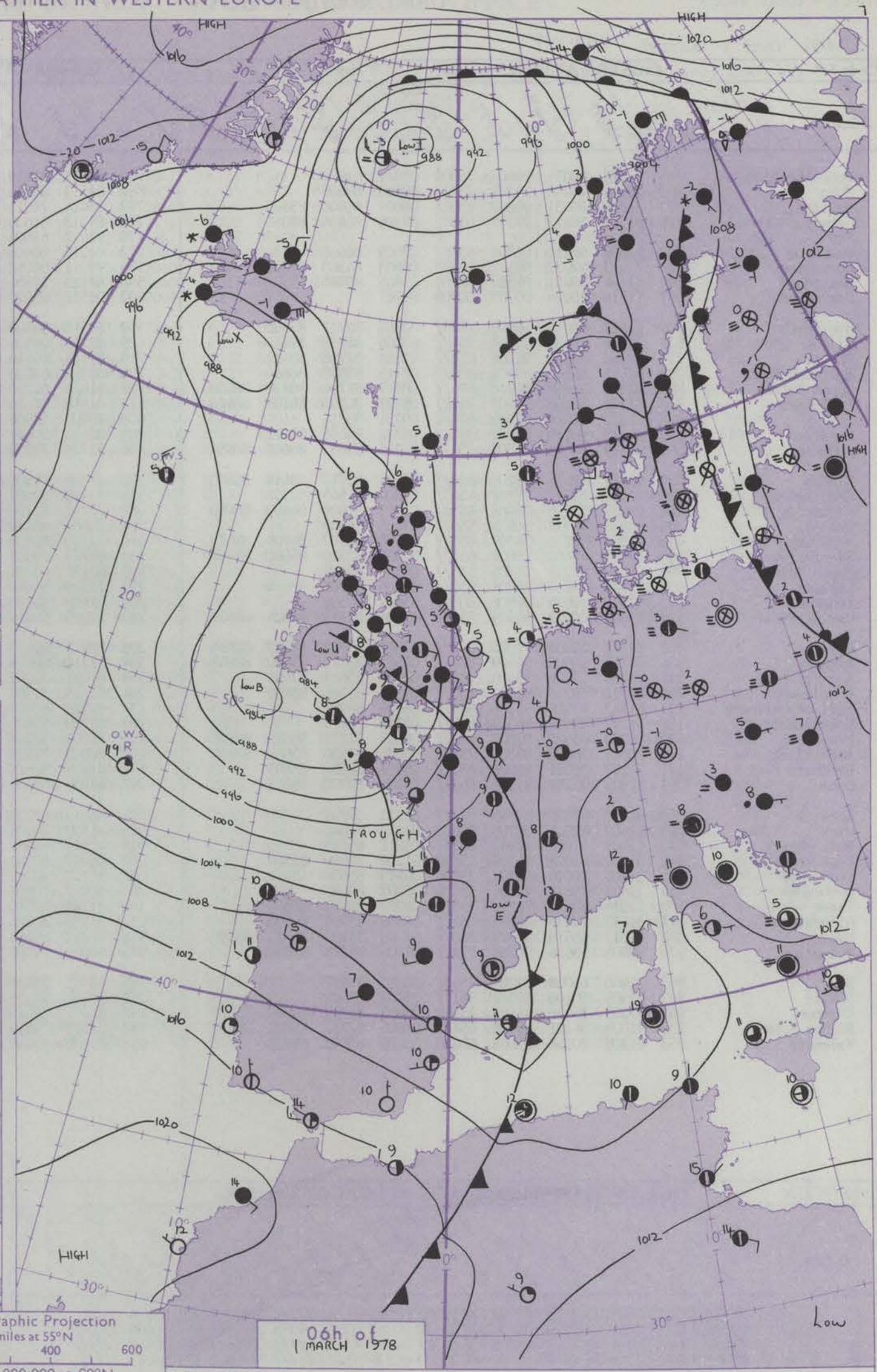
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 28181 | 60708 | 98021 | 04303 | 52530 | 00711 | ///// | ///// | 05852 | 10767 | 30201 | 04206 |
| | 99571 | 70200 | 28184 | 83420 | 97032 | 90705 | 884// | 00211 | 83815 | 88625 | 0//51 | 10950 | 30404 | 35008 |
| | 99662 | 10021 | 28184 | 32916 | 95542 | 93003 | 863// | 00221 | ///// | ///// | 05502 | 10596 | 30403 | ///// |
| | 99463 | 70163 | 28184 | 63133 | 97021 | 92710 | 68500 | 00239 | 84820 | 84640 | 0//07 | 11161 | 30810 | ///// |

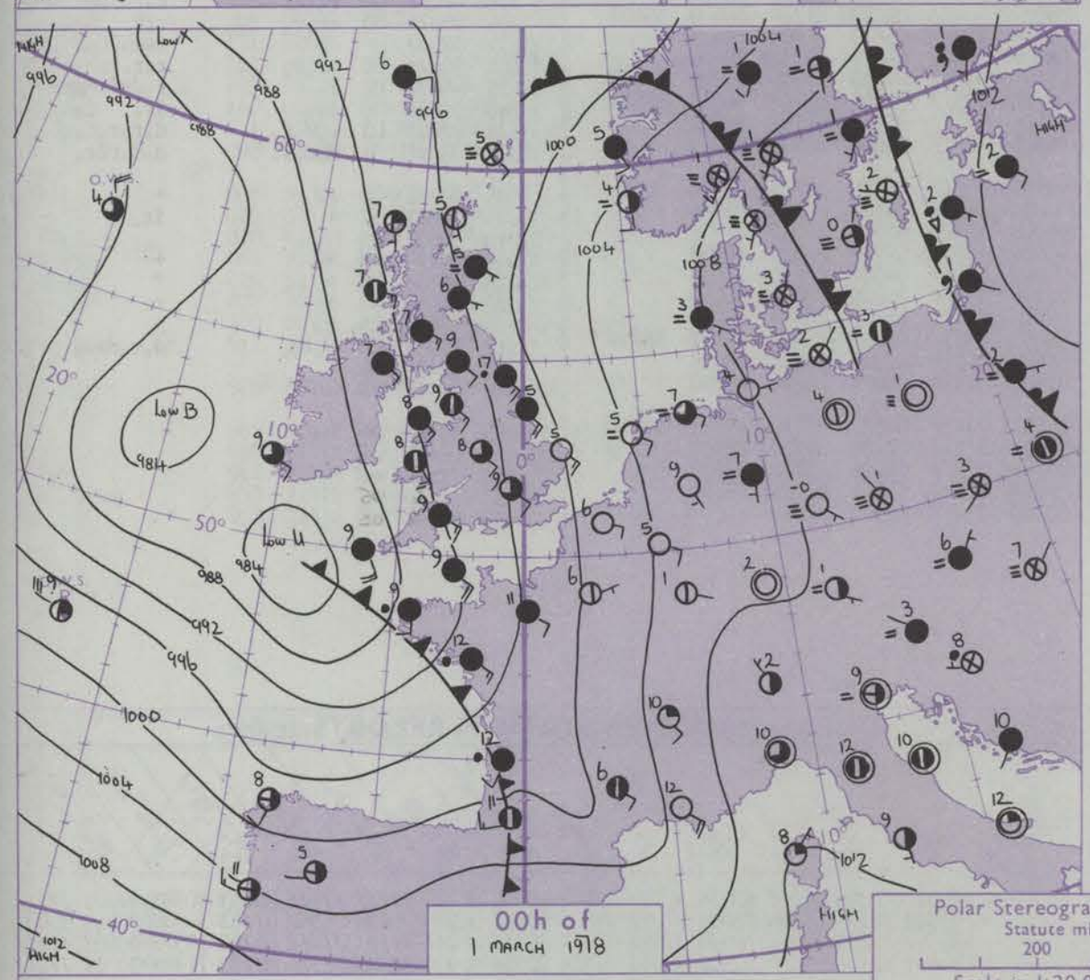
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday Wednesday 1 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

Pressure remained low to the west of the British Isles during the past 24 hours with one depression to the west of Scotland moving away northwest and another moving northeast to southern Ireland. Associated troughs of low pressure moved northeastwards over Britain.

During the next 24 hours the depression over southern Ireland will move to the Hebrides, and further troughs of low pressure will cross the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — **OBSERVATIONS at 00h.** 1 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 31214 | 80016 | 94607 | 35600 | 05811 | 81630 | | |
| Hurn | 862 | 71214 | 75036 | 94209 | 757// | 07818 | 87650 | | |
| Manston | 797 | 31312 | 60031 | 99607 | 15601 | 06607 | 81640 | 83075 | |
| Gatwick | 776 | 81511 | 58612 | 97109 | 6567/ | 07708 | 86634 | 88358 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 61508 | 68216 | 96709 | 656// | 07809 | 86645 | | |
| Honington | 586 | 71413 | 42032 | 99107 | 40932 | 06603 | 84360 | 87075 | |
| Wattisham | 590 | 51314 | 58051 | 99507 | 00901 | 05605 | 85075 | | |
| Gorleston | 497 | 01514 | 60024 | 00705 | 00900 | 04707 | | | |
| Aberporth | 502 | 71617 | 65016 | 89908 | 2643/ | 07805 | 82712 | 87360 | |
| Filton | 628 | 71508 | 62036 | 93908 | 754// | 07806 | 84710 | 87619 | |
| Rhoose | 715 | 80908 | 70036 | 92108 | 853// | 07808 | 82708 | 88612 | |
| Hartland Point | 703 | 81612 | 66606 | 89909 | 885// | 08715 | 83820 | 88630 | |
| Mount Batten | 827 | 81315 | 62808 | 90210 | 894// | 08819 | 81710 | 84930 | 88650 |
| St.Mawgan | 817 | 81321 | 58606 | 88409 | 7622/ | 08721 | 84705 | 86707 | 88460 |
| Scilly | 804 | 81621 | 60216 | 85109 | 874// | 09731 | 88714 | | |
| Culdrose | 809 | 81513 | 60216 | 87709 | 854// | 08722 | 84616 | 88622 | |
| Guernsey | 894 | 81419 | 68021 | 91509 | 6567/ | 07725 | 83633 | 85645 | 88459 |
| Elmdon | 534 | 61511 | 63215 | 95208 | 654// | 07804 | 81710 | 83618 | 86650 |
| Cardington | 559 | 71310 | 60216 | 97208 | 4563/ | 07804 | 84645 | 87358 | |
| Wittering | 462 | 81507 | 62216 | 97408 | 6552/ | 07703 | 83626 | 86639 | 88460 |
| Watnall | 354 | 81612 | 59216 | 96408 | 856// | 07806 | 88630 | | |
| Shawbury | 414 | 81509 | 57216 | 94109 | 853// | 08000 | 82707 | 86709 | 88615 |
| Finningley | 360 | 81407 | 45606 | 96607 | 6542/ | 07804 | 82710 | 85640 | 88460 |
| Spurn Point | 396 | 81518 | 62216 | 98305 | 855// | 05806 | 88625 | | |
| Leeming | 257 | 81413 | 56216 | 95808 | 852// | 07805 | 84705 | 88614 | |
| Tynemouth | 262 | 81517 | 56626 | 96906 | 8062/ | 05804 | 88530 | | |
| Carlisle | 222 | 81409 | 60022 | 94109 | 854// | 07704 | 81715 | 85624 | 88637 |
| Valley | 302 | 81513 | 64036 | 91008 | 853// | 07002 | 81708 | 83613 | 88634 |
| Ringway | 334 | 81713 | 60606 | 94409 | 854// | 07502 | 83713 | 85620 | 88640 |
| Squires Gate | 318 | 71514 | 57216 | 93409 | 754// | 08702 | 85617 | 87626 | |
| Ronaldsway | 204 | 81312 | 56218 | 91507 | 853// | 06806 | 81708 | 88620 | |
| Mull of Galloway | 131 | 81717 | 57506 | 91106 | 863// | 06704 | 88708 | | |
| Eskdalemuir | 162 | 81207 | 60038 | 94507 | 864// | 05706 | 88710 | | |
| Prestwick | 135 | 81214 | 65022 | 93007 | 854// | 06505 | 81615 | 86620 | 88630 |
| Abbotsinch | 140 | 70607 | 58042 | 93507 | 755// | 05806 | 81620 | 85630 | 87640 |
| Leuchars | 171 | 81007 | 58051 | 96006 | 855// | 05801 | 83625 | 88645 | |
| Dyce | 091 | 81303 | 35101 | 97105 | 853// | 05104 | 82708 | 88642 | |
| Lerwick | 005 | 91508 | 09435 | 97805 | 9//// | 05212 | 89/01 | | |
| Wick | 075 | 11607 | 82021 | 96705 | 15600 | 03213 | 81640 | | |
| Sule Skerry | 010 | 61409 | 81022 | 95907 | 655// | 05211 | 86625 | | |
| Cape Wrath | 049 | 31807 | 81021 | 94508 | 25530 | 01206 | 82620 | 83360 | |
| Stornoway | 026 | 31706 | 80026 | 94107 | 35600 | 05115 | 83630 | | |
| Benbecula | 022 | 31508 | 75011 | 92306 | 25502 | 05207 | 82625 | | |
| Tiree | 100 | 71216 | 65031 | 91507 | 755// | 06002 | 82621 | 87640 | |
| Aldergrove | 917 | 81412 | 62218 | 89707 | 862// | 06807 | 83704 | 88706 | |
| Malin | 980 | 81017 | 56616 | 89307 | 7637/ | 07708 | 85707 | 86715 | 88459 |
| Belmullet | 976 | 80605 | 58636 | 86208 | 5742/ | 07706 | 85718 | 88550 | |
| Birr | 965 | 71406 | 66038 | 87008 | 756// | 06000 | 87632 | | |
| Dublin | 969 | 81305 | 50106 | 89207 | 861// | 07008 | 88701 | | |
| Shannon | 962 | 51203 | 75038 | 86107 | 35402 | 06002 | 81712 | 83640 | 85070 |
| Roches Point | 952 | 81008 | 56101 | 85908 | 6547/ | 08805 | 82717 | 85632 | 88459 |
| Valentia | 953 | 61308 | 70258 | 85009 | 68400 | 08000 | 85818 | 85635 | |

**OBSERVATIONS at 06h.** 1 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81421 | 62616 | 90608 | 855// | 07616 | 88620 | | |
| Hurn | 862 | 81515 | 75016 | 90909 | 855// | 07610 | 83626 | 88645 | |
| Manston | 797 | 71414 | 70211 | 97107 | 756// | 06709 | 87640 | | |
| Gatwick | 776 | 81313 | 58636 | 94208 | 856// | 06610 | 88632 | | |
| Kew | 775 | 71412 | 65606 | 94009 | 756// | 07715 | 84630 | 87650 | |
| Heathrow | 772 | 81212 | 60606 | 93809 | 856// | 07610 | 82632 | 88650 | |
| Honington | 586 | 71011 | 56052 | 96506 | 10932 | 05715 | 81365 | 87073 | |
| Wattisham | 590 | 61120 | 57051 | 96606 | 15732 | 05719 | 81650 | 83362 | 85075 |
| Gorleston | 497 | 01512 | 60020 | 98805 | 00900 | 04612 | | | |
| Aberporth | 502 | 81517 | 56636 | 85108 | 3742/ | 08630 | 83710 | 88515 | |
| Filton | 628 | 81217 | 56616 | 89309 | 853// | 07723 | 84709 | 88616 | |
| Rhoose | 715 | 81115 | 64616 | 87208 | 853// | 07629 | 82706 | 87709 | 88614 |
| Hartland Point | 703 | 81815 | 66636 | 85209 | 854// | 08713 | 84710 | 88622 | |
| Mount Batten | 827 | 81614 | 62258 | 86709 | 853// | 09805 | 83708 | 85620 | 88638 |
| St.Mawgan | 817 | 81518 | 58616 | 85409 | 872// | 08507 | 88704 | | |
| Scilly | 804 | 73008 | 62606 | 85508 | 784// | 08302 | 82818 | 87623 | |
| Culdrose | 809 | 82112 | 50616 | 85509 | 852// | 08507 | 84703 | 88616 | |
| Guernsey | 894 | 71719 | 72026 | 90409 | 7847/ | 07303 | 82710 | 84618 | 86630 |
| Elmdon | 534 | 71210 | 61606 | 91907 | 6547/ | 06620 | 82712 | 85650 | 87360 |
| Cardington | 559 | 81412 | 60602 | 94208 | 6572/ | 05617 | 86656 | 88460 | |
| Wittering | 462 | 71212 | 60106 | 94806 | 45612 | 05614 | 84642 | 85462 | 87070 |
| Watnall | 354 | 70806 | 60036 | 94006 | 2637/ | 05715 | 82709 | 85360 | 87465 |
| Shawbury | 414 | 81210 | 60606 | 90509 | 855// | 07720 | 82620 | 88656 | |
| Finningley | 360 | 61213 | 59016 | 94007 | 35778 | 05716 | 83656 | 83460 | 86270 |
| Spurn Point | 396 | 61217 | 60032 | 96305 | 6097/ | 04713 | 86360 | | |
| Leeming | 257 | 71510 | 56046 | 94507 | 3547/ | 06810 | 81710 | 83622 | 86360 |
| Tynemouth | 262 | 81618 | 56026 | 95706 | 855// | 05604 | 88620 | | |
| Carlisle | 222 | 71005 | 59016 | 92908 | 6547/ | 06707 | 81717 | 86630 | |
| Valley | 302 | 80812 | 60616 | 87109 | 4547/ | 07728 | 81616 | 84640 | 88459 |
| Ringway | 334 | 81210 | 60026 | 91309 | 856// | 06725 | 83645 | 88656 | |
| Squires Gate | 318 | 81011 | 56042 | 90808 | 2552/ | 07723 | 82620 | 88460 | |
| Ronaldsway | 204 | 81115 | 32602 | 89507 | 4542/ | 06719 | 81710 | 84640 | 88459 |
| Mull of Galloway | 131 | 81520 | 58025 | 89806 | 853// | 06813 | 84708 | 88625 | |
| Eskdalemuir | 162 | 81209 | 65026 | 93007 | 854// | 05802 | 85710 | 88630 | |
| Prestwick | 135 | 81007 | 56216 | 91607 | 853// | 07605 | 81709 | 83711 | 85715 |
| Abbotsinch | 140 | 80607 | 57216 | 92108 | 853// | 06706 | 82708 | 86610 | 88618 |
| Leuchars | 171 | 81208 | 45616 | 94606 | 871// | 05707 | 83702 | 88703 | |
| Dyce | 091 | 81208 | 09636 | 96506 | 870// | 06606 | 84701 | 88702 | |
| Lerwick | 005 | 81615 | 40104 | 99905 | 862// | 05210 | 88703 | | |
| Wick | 075 | 81509 | 50101 | 97006 | 862// | 05101 | 85704 | 88706 | |
| Sule Skerry | 010 | 41412 | 74031 | 96006 | 45500 | 05504 | 84625 | | |
| Cape Wrath | 049 | 61407 | 82031 | 93706 | 4553/ | 04718 | 84620 | 86360 | |
| Stornoway | 026 | 51107 | 80011 | 93106 | 555// | 04604 | 83620 | 85630 | |
| Benbecula | 022 | 80911 | 70601 | 91206 | 856// | 05605 | 83631 | 88640 | |
| Tiree | 100 | 81220 | 62016 | 89907 | 854// | 06707 | 86615 | 88622 | |
| Aldergrove | 917 | 81110 | 50026 | 88608 | 6532/ | 07709 | 83708 | 85642 | 88460 |
| Malin | 980 | 81212 | 65106 | 88508 | 4562/ | 07000 | 84640 | 88458 | |
| Belmullet | 976 | 60801 | 69036 | 85406 | 5543/ | 04604 | 81718 | 85640 | |
| Birr | 965 | 83401 | 32636 | 84507 | 7642/ | 06822 | 85710 | 87630 | 88457 |
| Dublin | 969 | 80814 | 56616 | 85707 | 862// | 07726 | 85704 | 88717 | |
| Shannon | 962 | 81105 | 62616 | 84607 | 3742/ | 06608 | 83715 | 88530 | |
| Roches Point | 952 | 83013 | 59616 | 83707 | 6732/ | 05511 | 86709 | 88537 | |
| Valentia | 953 | 70000 | 70258 | 85206 | 724// | 06302 | 87818 | | |

**OBSERVATIONS during NIGHT**

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 03071 | 06 | rr₀ | rr₀r₀pr₀ |
| Hurn | 862 | 02081 | 07 | r₀ | r₀rd₀ |
| Manston | 797 | 97061 | 03 | + | ir₀ |
| Gatwick | 776 | 07082 | 06 | r₀r₀ | r₀rrR |
| Kew | 775 | 04092 | 06 | r₀r | ir₀r₀r–rr₀r₀ |
| Heathrow | 772 | 04081 | 06 | r₀r | r₀rrR |
| Honington | 586 | 97061 | 04 | + | r₀ir₀ |
| Wattisham | 590 | 97061 | 04 | + | r₀ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 08082 | 07 | ir₀rr₀r₀ | r₀r₀RRrr |
| Filton | 628 | 01081 | 05 | r₀r₀rr₀ | r₀r₀rr₀ |
| Rhoose | 715 | 01071 | 06 | r₀r₀rr₀ | r₀ir₀r₀r₀ |
| Hartland Point | 703 | 03092 | 07 | | |
| Mount Batten | 827 | 07081 | 07 | pr₀pr | pr₀pR |
| St.Mawgan | 817 | 07082 | 07 | rr₀ | r₀r₀r |
| Scilly | 804 | 07082 | 06 | irrrir₀ | ir₀ |
| Culdrose | 809 | 13082 | 07 | ir₀r₀r₀ir₀ | ir₀r₀r₀rrr₀r₀ |
| Guernsey | 894 | 97071 | 07 | r₀r₀ | ir₀ |
| Elmdon | 534 | 02071 | 05 | rr₀ | r₀r |
| Cardington | 559 | 02072 | 04 | r₀ | r₀r |
| Wittering | 462 | 93061 | 05 | r₀ | r₀r₀ |
| Watnall | 354 | 02061 | 04 | r₀ | r₀r |
| Shawbury | 414 | 01081 | 07 | r₀d₀r₀ | r₀r₀ |
| Finningley | 360 | 03061 | 05 | r₀rR | r₀rr₀r₀ |
| Spurn Point | 396 | | | ir₀r₀r₀ | ir₀ |
| Leeming | 257 | 01071 | 05 | r₀r₀r | + |
| Tynemouth | 262 | 93061 | 05 | ir₀ | + |
| Carlisle | 222 | 91071 | 04 | r₀rr₀r₀ | r₀r₀–r₀ |
| Valley | 302 | 03081 | 06 | ir₀ | ir₀r₀r₀rr |
| Ringway | 334 | 92091 | 07 | r₀ | r₀r₀ |
| Squires Gate | 318 | 01071 | 06 | r₀r₀r | r₀r₀ |
| Ronaldsway | 204 | 06071 | 05 | rr₀r₀ | rrR |
| Mull of Galloway | 131 | 02052 | | | |
| Eskdalemuir | 162 | 95071 | 03 | pr₀r₀ | r₀r₀ |
| Prestwick | 135 | 94071 | 02 | r₀ | r₀drd₀r₀r₀ |
| Abbotsinch | 140 | 92061 | 03 | ir₀ | ir₀ |
| Leuchars | 171 | 93051 | 01 | r₀d₀r₀ | d₀r₀r₀r₀ |
| Dyce | 091 | 03011 | 51 | d₀d₀r₀ | d₀d₀rfr₀ |
| Lerwick | 005 | 00031 | 00 | FF | + |
| Wick | 075 | 91041 | 52 | + | ir₀ |
| Sule Skerry | 010 | 00051 | 03 | | |
| Cape Wrath | 049 | 00051 | 04 | + | + |
| Stornoway | 026 | 00041 | 02 | + | + |
| Benbecula | 022 | 01061 | 03 | + | r₀ |
| Tiree | 100 | 97061 | 05 | r₀ | + |
| Aldergrove | 917 | 02061 | 06 | r₀rd₀ | d₀r₀drr₀ |
| Malin | 980 | 0207 | 06 | | |
| Belmullet | 976 | 0205 | 02 | | |
| Birr | 965 | 1007 | 05 | | |
| Dublin | 969 | 0607 | 05 | | |
| Shannon | 962 | 0206 | 05 | | |
| Roches Point | 952 | 1106 | 05 | | |
| Valentia | 953 | 9406 | 03 | | |

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 01001 | 20911 | 9[illegible]011 | 02104 | 22500 | 00320 | ///// | ///// | 05653 | 10731 | 3//04 | 04/06 |
| L | 99570 | 70199 | 01004 | 63522 | 97016 | 93304 | 35532 | 00313 | 33625 | 84365 | 0//53 | 10967 | 30404 | 35008 |
| M | 99663 | 10023 | 01004 | 82418 | 96585 | 98402 | 863// | 00221 | ///// | ///// | 05851 | 10580 | 30403 | ///// |
| R | 99469 | 70170 | 01004 | 32932 | 98030 | 98509 | 33500 | 00120 | 03320 | ///// | 0//04 | 11179 | 30813 | ///// |

**OCEAN WEATHER STATION REPORTS at 06h.**

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 01061 | 60[illegible]14 | 9[illegible]028 | 98104 | 65500 | 00725 | ///// | ///// | 05653 | 10765 | 3//07 | ///// |
| L | 99569 | 70198 | 01064 | 73416 | 97032 | 94005 | 5553/ | 00206 | 85625 | 86362 | 0//53 | 10940 | 30404 | 35008 |
| M | 99663 | 10024 | 01064 | 82516 | 97022 | 01602 | 863// | 00217 | ///// | ///// | 05752 | 10573 | 30403 | ///// |
| R | 99467 | 70166 | 01064 | 22922 | 98010 | 99509 | 22500 | 00400 | 82320 | ///// | 0//05 | 11164 | 30811 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42469

Date of Issue THURSDAY 2 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 1 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81819 | 48806 | 91608 | 852// | 07208 | 83705 | 86707 | 88620 |
| Hurn | 862 | 81717 | 48586 | 92408 | 853// | 08306 | 87708 | 88620 | |
| Manston | 797 | 71923 | 69026 | 97412 | 11572 | 08302 | 81820 | 87072 | |
| Gatwick | 776 | 81719 | 75216 | 95209 | 854// | 07309 | 84616 | 88640 | |
| Kew | 775 | 71818 | 70806 | 94311 | 785// | 06000 | 85820 | 87645 | |
| Heathrow | 772 | 71720 | 60506 | 93811 | 755// | 07101 | 87620 | | |
| Honington | 586 | 61419 | 59216 | 96210 | 654/2 | 07400 | 82713 | 86616 | |
| Wattisham | 590 | 71520 | 62216 | 96310 | 38402 | 08501 | 82810 | 87075 | |
| Gorleston | 497 | 71616 | 48216 | 98206 | 756// | 04601 | 87630 | | |
| Aberporth | 502 | 71813 | 75806 | 87708 | 3322/ | 06124 | 81705 | 83920 | 86458 |
| Filton | 628 | 81710 | 60606 | 89909 | 853// | 07807 | 84709 | 84613 | 88640 |
| Rhoose | 715 | 72412 | 60806 | 89507 | 792// | 06315 | 81703 | 84709 | 87925 |
| Hartland Point | 703 | 62315 | 74018 | 89707 | 38431 | 07230 | 83610 | 85360 | |
| Mount Batten | 827 | 82414 | 56808 | 91808 | 883// | 07345 | 83706 | 86815 | 88635 |
| St.Mawgan | 817 | 72317 | 70216 | 91109 | 6223/ | 08234 | 83704 | 86707 | |
| Scilly | 804 | 52623 | 74258 | 92209 | 49470 | 07235 | 82918 | 83625 | |
| Culdrose | 809 | 62617 | 70258 | 91809 | 5843/ | 07237 | 81710 | 83818 | 86360 |
| Guernsey | 894 | 72327 | 75258 | 95810 | 69472 | 07342 | 82812 | 81920 | 85645 |
| Elmdon | 534 | 71718 | 66256 | 91109 | 58421 | 06501 | 83816 | 85626 | |
| Cardington | 559 | 71317 | 62026 | 93811 | 684/2 | 07501 | 86818 | 86075 | |
| Wittering | 462 | 71716 | 62216 | 93410 | 783// | 08504 | 83708 | 86810 | |
| Watnall | 354 | 81311 | 56216 | 93009 | 883// | 08502 | 82708 | 86809 | 88615 |
| Shawbury | 414 | 61515 | 70016 | 89210 | 52402 | 07500 | 82710 | 85815 | |
| Finningley | 360 | 81415 | 60216 | 92609 | 873// | 07708 | 84709 | 88712 | |
| Spurn Point | 396 | 71420 | 57016 | 95006 | 7097/ | 05706 | 87360 | | |
| Leeming | 257 | 81514 | 40636 | 92108 | 873// | 07615 | 85708 | 88710 | |
| Tynemouth | 262 | 81422 | 56056 | 93206 | 5562/ | 05820 | 85630 | 88458 | |
| Carlisle | 222 | 81414 | 62216 | 90210 | 7542/ | 07615 | 82617 | 85625 | 88462 |
| Valley | 302 | 71621 | 72216 | 85808 | 6848/ | 07202 | 81710 | 86645 | |
| Ringway | 334 | 71512 | 65216 | 89910 | 6547/ | 08604 | 85713 | 85645 | 87359 |
| Squires Gate | 318 | 71318 | 63616 | 89011 | 753// | 09504 | 81709 | 83615 | 87630 |
| Ronaldsway | 204 | 81219 | 33216 | 86407 | 753/7 | 0 512 | 82709 | 83620 | 87628 |
| Mull of Galloway | 131 | 81628 | 60636 | 85806 | 5742/ | 06724 | 85710 | 88460 | |
| Eskdalemuir | 162 | 81112 | 56636 | 90707 | 884// | 06721 | 83710 | 83818 | 88635 |
| Prestwick | 135 | 81121 | 64586 | 87610 | 4557/ | 07628 | 81625 | 83656 | 87358 |
| Abbotsinch | 140 | 80715 | 40606 | 89008 | 6542/ | 07826 | 82713 | 85640 | 88459 |
| Leuchars | 171 | 81014 | 37056 | 93706 | 862// | 05713 | 82703 | 88708 | |
| Dyce | 091 | 81312 | 25216 | 96207 | 852// | 06804 | 87703 | 88640 | |
| Lerwick | 005 | 81315 | 15602 | 01305 | 860// | 05002 | 86701 | 88706 | |
| Wick | 075 | 81413 | 16106 | 96606 | 860// | 06705 | 83701 | 88702 | |
| Sule Skerry | 010 | 81420 | 48101 | 94607 | 864// | 06814 | 88710 | | |
| Cape Wrath | 049 | 71412 | 81022 | 93308 | 5844/ | 05804 | 83815 | 85620 | 87360 |
| Stornoway | 026 | 81311 | 61052 | 92208 | 55837 | 05607 | 85657 | 84364 | 88270 |
| Benbecula | 022 | 70606 | 77016 | 90108 | 55506 | 07711 | 82621 | 84635 | 87275 |
| Tiree | 100 | 80914 | 60602 | 88008 | 4562/ | 07820 | 84635 | 88458 | |
| Aldergrove | 917 | 81214 | 25586 | 84107 | 872// | 06728 | 81703 | 85706 | 88703 |
| Malin | | | | | | | | | |
| Belmullet | 976 | 80103 | 64616 | 83608 | 6632/ | 07715 | 84708 | 86716 | 88458 |
| Birr | 965 | 82412 | 62606 | 82406 | 7642/ | 06501 | 87710 | 88453 | |
| Dublin | 969 | 71512 | 75016 | 82308 | 763// | 07511 | 84706 | 85709 | 86625 |
| Shannon | 962 | 82504 | 58215 | 84208 | 862// | 07500 | 83705 | 85705 | 88718 |
| Roches Point | 952 | 72216 | 70036 | 85410 | 784// | 07112 | 84816 | 85635 | |
| Valentia | 953 | 72512 | 65256 | 86109 | 785// | 07206 | 85820 | 83635 | |

## OBSERVATIONS at 18h. 1 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72115 | 83028 | 97108 | 784// | 06231 | 85713 | 86820 | 85657 |
| Hurn | 862 | 62216 | 80016 | 98809 | 48530 | 05235 | 82820 | 83640 | 85360 |
| Manston | 797 | 52116 | 75012 | 00008 | 28442 | 06316 | 81812 | 83072 | |
| Gatwick | 776 | 72116 | 75028 | 98808 | 713// | 07229 | 83709 | 87811 | |
| Kew | 775 | 72014 | 70258 | 98109 | 784// | 06227 | 85818 | 87635 | |
| Heathrow | 772 | 71913 | 70255 | 97609 | 784// | 07326 | 84816 | 87635 | |
| Honington | 586 | 31818 | 70011 | 97509 | 28401 | 06312 | 81817 | | |
| Wattisham | 590 | 62019 | 75216 | 98308 | 58402 | 06317 | 81812 | 83625 | |
| Gorleston | 497 | 71820 | 58022 | 99206 | 7097/ | 05210 | 87360 | | |
| Aberporth | 502 | 72119 | 68038 | 92108 | 784// | 06227 | 86818 | | |
| Filton | 628 | 72310 | 25816 | 96508 | 784// | 07333 | 86817 | 84630 | |
| Rhoose | 715 | 62310 | 70018 | 95607 | 684// | 05232 | 82818 | 85625 | |
| Hartland Point | 703 | 52222 | 64028 | 94608 | 4243/ | 06229 | 84815 | 83360 | |
| Mount Batten | 827 | 32321 | 60058 | 97408 | 19433 | 06228 | 81710 | 81912 | |
| St.Mawgan | 817 | 52015 | 75038 | 96408 | 59400 | 04225 | 81912 | 83640 | |
| Scilly | 804 | 22517 | 67258 | 96208 | 22440 | 04220 | 82818 | | |
| Culdrose | 809 | 52413 | 70258 | 96908 | 53400 | 05224 | 81916 | 83820 | |
| Guernsey | 894 | 12215 | 70018 | 01408 | 19432 | 05225 | 81915 | | |
| Elmdon | 534 | 72010 | 75028 | 94609 | 784/2 | 05332 | 81818 | 87630 | |
| Cardington | 559 | 81913 | 62038 | 96609 | 855// | 07221 | 84628 | 88633 | |
| Wittering | 462 | 62014 | 75218 | 95709 | 55432 | 07321 | 81710 | 84625 | |
| Watnall | 354 | 71908 | 64258 | 94508 | 78501 | 07218 | 82820 | 86628 | |
| Shawbury | 414 | 72012 | 75258 | 93009 | 784// | 07330 | 82818 | 83624 | 87634 |
| Finningley | 360 | 71714 | 65808 | 93609 | 784// | 07316 | 83814 | 85620 | 87640 |
| Spurn Point | 396 | 71517 | 68026 | 95008 | 4557/ | 05308 | 84625 | 87460 | |
| Leeming | 257 | 71614 | 60046 | 92109 | 754// | 07311 | 87615 | | |
| Tynemouth | 262 | 61523 | 39108 | 91806 | 655// | 06603 | 86625 | | |
| Carlisle | 222 | 71804 | 63218 | 90308 | 784// | 06312 | 82710 | 87645 | |
| Valley | 302 | 71822 | 62026 | 89408 | 753// | 07320 | 82709 | 84614 | 87645 |
| Ringway | 334 | 71807 | 65028 | 92109 | 785/2 | 06221 | 82820 | 87630 | |
| Squires Gate | 318 | 71712 | 61038 | 91109 | 685/1 | 07224 | 81820 | 86628 | |
| Ronaldsway | 204 | 51819 | 61026 | 87807 | 45201 | 06315 | 81704 | 83656 | |
| Mull of Galloway | 131 | 72030 | 74026 | 85207 | 785// | 06303 | 82825 | 87630 | |
| Eskdalemuir | 162 | 81816 | 58818 | 90007 | 883// | 06807 | 83707 | 87815 | 88640 |
| Prestwick | 135 | 81617 | 70026 | 86708 | 884// | 05305 | 83815 | 88618 | |
| Abbotsinch | 140 | 71415 | 65256 | 87309 | 7843/ | 06500 | 81817 | 83821 | 87630 |
| Leuchars | 171 | 71321 | 34056 | 90206 | 752// | 05710 | 82703 | 85704 | 87656 |
| Dyce | 091 | 81317 | 30216 | 92906 | 872// | 05612 | 86705 | 88706 | |
| Lerwick | 005 | 71218 | 20106 | 99506 | 66132 | 05804 | 82702 | 86705 | |
| Wick | 075 | 81321 | 45606 | 92907 | 4547/ | 05722 | 82715 | 84630 | 88462 |
| Sule Skerry | 010 | 81425 | 57022 | 92307 | 5557/ | 05722 | 85625 | 88458 | |
| Cape Wrath | 049 | 81424 | 66606 | 88507 | 853// | 06728 | 85706 | 88615 | |
| Stornoway | 026 | 81015 | 64216 | 86607 | 5557/ | 06633 | 85620 | 86359 | 88462 |
| Benbecula | 022 | 80714 | 56616 | 84607 | 6542/ | 07723 | 83618 | 85627 | 88545 |
| Tiree | 100 | 81119 | 59606 | 82907 | 7547/ | 07718 | 82716 | 87624 | 88459 |
| Aldergrove | 917 | 71916 | 75216 | 82507 | 6547/ | 05303 | 82712 | 85616 | 87459 |
| Malin | 980 | 71312 | 75026 | 80007 | 7647/ | 06619 | 87716 | 87460 | |
| Belmullet | 976 | 82509 | 59616 | 82207 | 863// | 06204 | 86708 | 88714 | |
| Birr | 965 | 72107 | 70018 | 86209 | 785// | 06222 | 84820 | 86633 | |
| Dublin | 969 | 22014 | 80256 | 85908 | 28500 | 05123 | 81821 | | |
| Shannon | 962 | 62409 | 82018 | 86009 | 635// | 07215 | 82820 | 81920 | 85637 |
| Roches Point | 952 | 72020 | 70808 | 88903 | 784// | 06318 | 87818 | 83635 | |
| Valentia | 953 | 72110 | 58818 | 87008 | 724// | 08205 | 82710 | 87818 | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 94101 | 013 | pr₀r₀ | pr₀ |
| Hurn | 862 | 93111 | 018 | r₀d₀r₀drd₀ | + |
| Manston | 797 | 97121 | 024 | ir₀ | + |
| Gatwick | 776 | 92111 | 010 | r₀pr₀d₀r₀ | d₀r₀-r₀ |
| Kew | 775 | 93111 | 004 | r₀pr₀ir₀ | ir₀pr₀ |
| Heathrow | 772 | 92111 | 004 | d₀r₀d₀ | d₀pr₀ |
| Honington | 586 | 92121 | 007 | r₀r | + |
| Wattisham | 590 | 94111 | 019 | r₀r₀r | r₀ |
| Gorleston | 497 | | 026 | | |
| Aberporth | 502 | 96091 | 011 | rrr₀r₀ir₀pr₀ | pr₀ |
| Filton | 628 | 02111 | 008 | r₀pr₀ | pr₀prpr₀ |
| Rhoose | 715 | 03091 | 009 | prpr₀ | pr₀ |
| Hartland Point | 703 | 01091 | 024 | | |
| Mount Batten | 827 | 02101 | 043 | pr₀prpRpr₀ | + |
| St.Mawgan | 817 | 01101 | 031 | ir₀pr₀pr | + |
| Scilly | 804 | 02111 | 064 | ir₀ | pr₀pr |
| Culdrose | 809 | 02101 | 030 | rrpr₀ | pr₀ |
| Guernsey | 894 | 91101 | | pr₀pr₀ | + |
| Elmdon | 534 | 94101 | 002 | r₀r₀pr₀ | pr₀ |
| Cardington | 559 | 91111 | 004 | r₀r₀pr₀ | pr₀ |
| Wittering | 462 | 01111 | 004 | r₀r₀d₀r₀pr₀ | r₀pr₀ |
| Watnall | 354 | 01101 | 000 | rr₀r₀pr₀ | pr₀ |
| Shawbury | 414 | 92111 | 009 | r₀r₀pr₀ | pr₀ |
| Finningley | 360 | 01111 | 001 | r₀rrd₀r₀pr₀ | pr₀ |
| Spurn Point | 396 | | | ir₀ | + |
| Leeming | 257 | 01101 | 001 | rd₀r₀ | + |
| Tynemouth | 262 | 94071 | 000 | ir₀pr₀pr | + |
| Carlisle | 222 | 02111 | 000 | r₀r₀rir₀ | pr₀r₀Rpr₀pr |
| Valley | 302 | 01101 | 012 | R | + |
| Ringway | 334 | 91111 | 012 | r₀r₀pr₀ | pr₀ |
| Squires Gate | 318 | 01121 | 010 | r₀r₀rpr₀ | pr₀pr |
| Ronaldsway | 204 | 02091 | 017 | rrir₀r₀r₀ | + |
| Mull of Galloway | 131 | 03071 | | | |
| Eskdalemuir | 162 | 06081 | 000 | r₀r₀-rr | ir₀prpr₀ |
| Prestwick | 135 | 93101 | 000 | d₀r₀ir₀ | ir₀ |
| Abbotsinch | 140 | 01101 | 000 | r₀r₀ | pr₀ |
| Leuchars | 171 | 02071 | 000 | r₀ | d₀r₀rr₀ |
| Dyce | 091 | 04071 | 000 | rr₀ | rrd₀r₀ |
| Lerwick | 005 | 04061 | 000 | ir₀r₀r₀ | d₀d₀ |
| Wick | 075 | 01071 | 000 | ir₀d₀r₀r₀r₀ | r₀rr |
| Sule Skerry | 010 | 97071 | | | |
| Cape Wrath | 049 | 01111 | 006 | + | r₀r₀ |
| Stornoway | 026 | 03081 | 007 | ir₀ | ir₀rrr₀ |
| Benbecula | 022 | 06091 | 000 | ir₀ | rrr₀r₀ir₀ |
| Tiree | 100 | 06091 | 000 | ir₀rr | r₀rir₀d₀r₀ |
| Aldergrove | 917 | 07092 | 002 | r₀r₀rRd₀r₀ | r₀d₀r₀-r₀r |
| Malin | 980 | 0509 | 002 | | |
| Belmullet | 976 | 1008 | 000 | | |
| Birr | 965 | 0909 | 001 | | |
| Dublin | 969 | 0710 | 011 | | |
| Shannon | 962 | 1010 | 014 | | |
| Roches Point | 952 | 0110 | 036 | | |
| Valentia | 953 | 0311 | 017 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

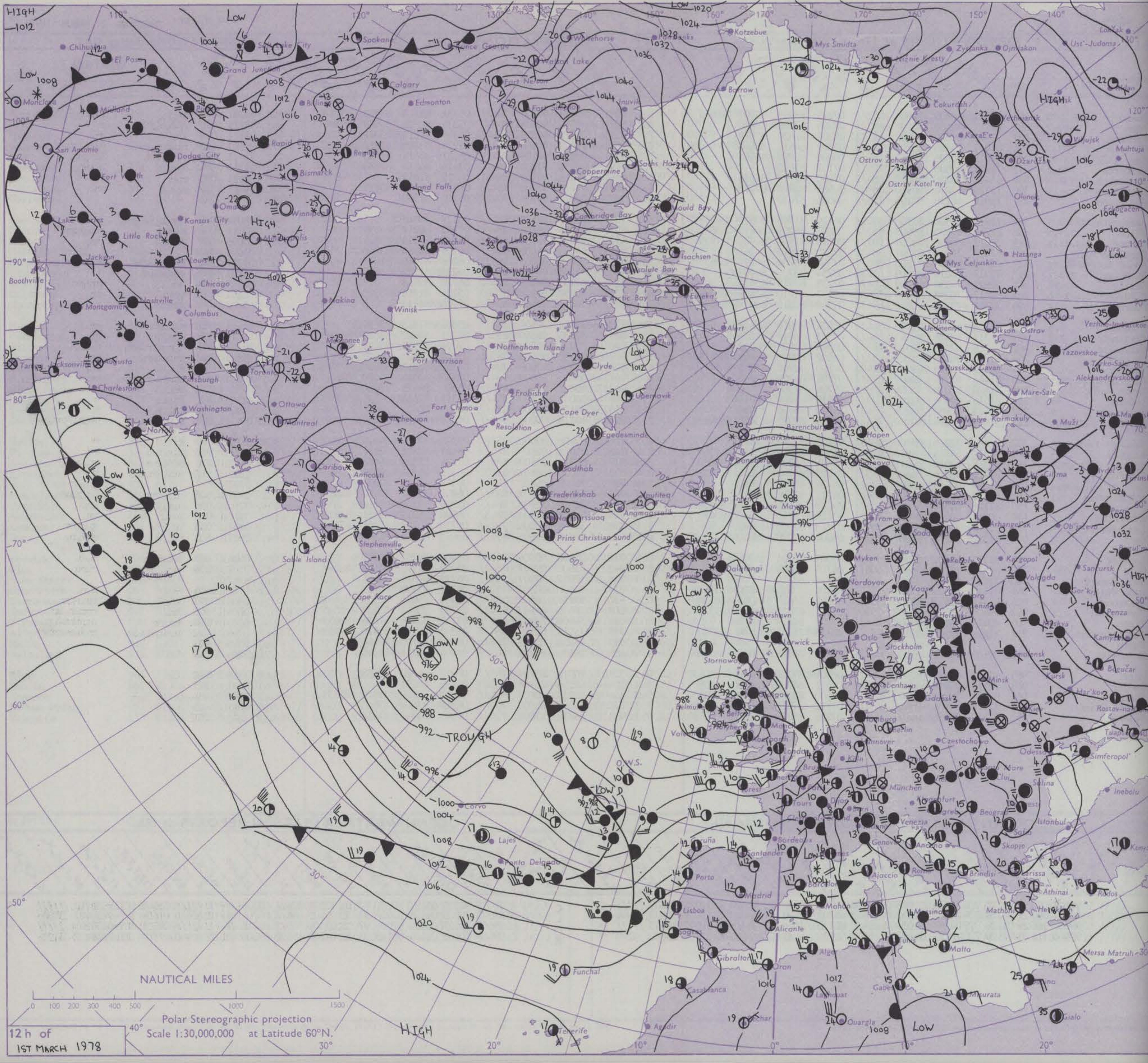
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 01121 | 70817 | 98022 | 94505 | 35550 | 00721 | ///// | ///// | 05454 | 10711 | 30809 | ///// |
| L | 99571 | 70203 | 01124 | 73417 | 97152 | 95304 | 784// | 61208 | 82710 | 87625 | 0//52 | 10959 | 30403 | 35006 |
| M | 99663 | 10026 | 01124 | 82314 | 97022 | 05402 | 854// | 00218 | ///// | ///// | 05651 | 10577 | 30403 | ///// |
| R | 99468 | 70170 | 01124 | 73005 | 98031 | 98309 | 1557/ | 00714 | 81620 | 87360 | 0//04 | 11167 | 30000 | 34210 |

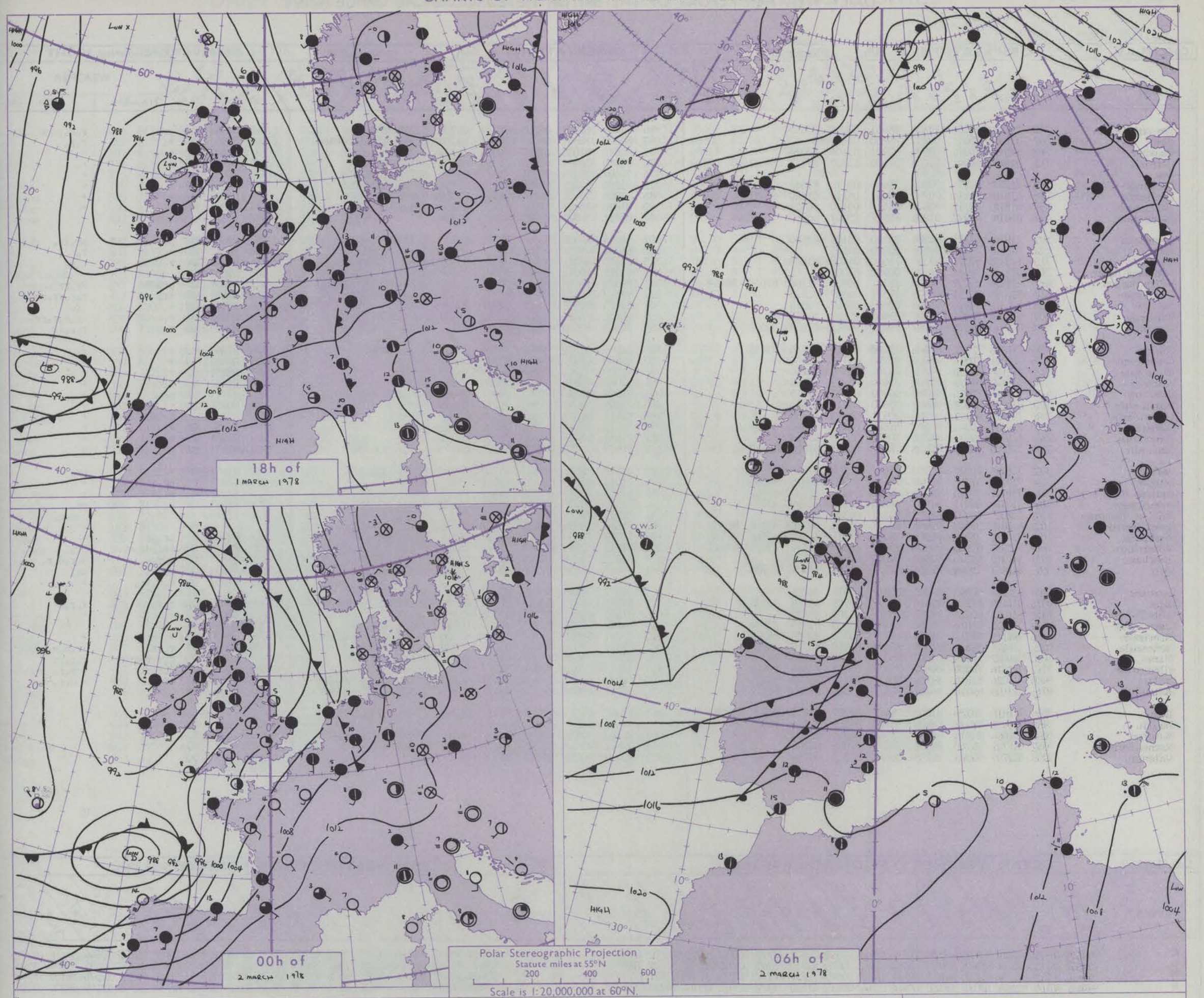
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 01181 | 80821 | 97616 | 92504 | 8742/ | 00505 | ///// | ///// | 05602 | 10735 | 30910 | ///// |
| L | 99573 | 70203 | 01184 | 63517 | 97878 | 94805 | 694// | 00706 | 81912 | 83815 | 0//51 | 10964 | 30403 | 35006 |
| M | 99663 | 10027 | 01184 | 81508 | 97022 | 07304 | 855// | 00212 | ///// | ///// | 05301 | 10560 | 30301 | ///// |
| R | 99468 | 70168 | 01184 | 60115 | 98012 | 94709 | 15520 | 00506 | 81620 | 86460 | 0//04 | 11162 | 30602 | 34208 |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday THURSDAY 2 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

A depression moved northwards from southern Ireland to the west of the Hebrides during the past 24 hours, with associated troughs of low pressure moving northeastwards or northwards over Britain.

The depression will move away to southeast Iceland during the next 24 hours, but a small deep depression in northern Biscay will move northeastwards across southeastern Britain.

## Code FM 11.V — OBSERVATIONS at 00h. 2 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 21708 | 78258 | 99505 | 18401 | 03002 | 81815 | | |
| Hurn | 862 | 01809 | 75011 | 00207 | 00900 | 05101 | | | |
| Manston | 797 | 32011 | 70011 | 02506 | 00901 | 05104 | 83075 | | |
| Gatwick | 776 | 51909 | 59041 | 01206 | 58400 | 05205 | 81815 | 85623 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 21607 | 62011 | 00607 | 25400 | 05110 | 81618 | | |
| Honington | 586 | 61810 | 60011 | 00307 | 15602 | 05111 | 81630 | 86075 | |
| Wattisham | 590 | 61812 | 70011 | 00807 | 655// | 05110 | 86625 | | |
| Gorleston | 497 | 81816 | 66022 | 01206 | 8097/ | 05207 | 88360 | | |
| Aberporth | 502 | 21914 | 62251 | 94306 | 25600 | 05108 | 82630 | | |
| Filton | 628 | 02010 | 70018 | 98206 | 00900 | 04105 | | | |
| Rhoose | 715 | 11711 | 81021 | 97305 | 15500 | 04103 | 81625 | | |
| Hartland Point | 703 | 02118 | 74021 | 96205 | 00900 | 03001 | | | |
| Mount Batten | 827 | 81916 | 65038 | 97708 | 7532/ | 06804 | 81708 | 87650 | 88459 |
| St. Mawgan | 817 | 21611 | 70031 | 96606 | 11501 | 04807 | 81825 | | |
| Scilly | 804 | 22013 | 62038 | 95608 | 22400 | 05807 | 82818 | | |
| Culdrose | 809 | 22110 | 70021 | 96707 | 25400 | 05807 | 82618 | | |
| Guernsey | 894 | 41916 | 80030 | 00807 | 15602 | 04811 | 81635 | 84075 | |
| Elmdon | 534 | 31808 | 75018 | 98806 | 35400 | 04212 | 81614 | 83630 | |
| Cardington | 559 | 22011 | 70011 | 99807 | 25700 | 05112 | 82650 | | |
| Wittering | 462 | 42108 | 68018 | 98706 | 45700 | 05209 | 84650 | | |
| Watnall | 354 | 31908 | 68011 | 97906 | 35600 | 05213 | 83635 | | |
| Shawbury | 414 | 11710 | 78018 | 96306 | 00902 | 04213 | 81075 | | |
| Finningley | 360 | 32008 | 62028 | 96807 | 35600 | 05212 | 83635 | | |
| Spurn Point | 396 | 11714 | 68021 | 97905 | 10971 | 05213 | 81360 | | |
| Leeming | 257 | 71712 | 60041 | 95207 | 55602 | 06312 | 85640 | 84075 | |
| Tynemouth | 262 | 11916 | 56021 | 94308 | 10930 | 05210 | 81358 | | |
| Carlisle | 222 | 72009 | 70258 | 92608 | 785// | 06211 | 82820 | 86632 | |
| Valley | 302 | 71925 | 65022 | 92307 | 756// | 06208 | 87645 | | |
| Ringway | 334 | 71909 | 61808 | 95908 | 784// | 05214 | 86818 | 84630 | |
| Squires Gate | 318 | 71612 | 70028 | 94308 | 785// | 06214 | 81825 | 87641 | |
| Ronaldsway | 204 | 31919 | 60011 | 91007 | 36300 | 05213 | 81709 | 83713 | |
| Mull of Galloway | 131 | 82033 | 70031 | 88707 | 855// | 06218 | 88625 | | |
| Eskdalemuir | 162 | 81618 | 60808 | 92006 | 884// | 05209 | 84710 | 85818 | 88635 |
| Prestwick | 135 | 71810 | 75806 | 88808 | 784// | 05211 | 81712 | 83816 | 87650 |
| Abbotsinch | 140 | 71513 | 65606 | 89008 | 754// | 06207 | 81714 | 83625 | 87645 |
| Leuchars | 171 | 41312 | 62016 | 91606 | 35602 | 04103 | 83630 | | |
| Dyce | 091 | 81611 | 35606 | 92507 | 872// | 06101 | 87703 | 88704 | |
| Lerwick | 005 | 81225 | 40602 | 97605 | 872// | 05814 | 88704 | | |
| Wick | 075 | 81420 | 57106 | 91406 | 862// | 05709 | 85705 | 88708 | |
| Sule Skerry | 010 | 81420 | 60026 | 90207 | 855// | 06102 | 88625 | | |
| Cape Wrath | 049 | 31412 | 81016 | 87707 | 38400 | 05705 | 81815 | 83620 | |
| Stornoway | 026 | 71113 | 80211 | 84507 | 4577/ | 05708 | 84650 | 86362 | |
| Benbecula | 022 | 81425 | 59616 | 81307 | 854// | 07812 | 85710 | 88626 | |
| Tiree | 100 | 81632 | 58636 | 81807 | 853// | 06208 | 85706 | 88627 | |
| Aldergrove | 917 | 71814 | 70036 | 86807 | 754// | 05215 | 83614 | 87624 | |
| Malin | 980 | 81926 | 81216 | 82106 | 864// | 05217 | 86714 | 88625 | |
| Belmullet | 976 | 82103 | 64616 | 84107 | 864// | 05209 | 83710 | 88717 | |
| Birr | 965 | 71810 | 70256 | 87608 | 784// | 06207 | 83713 | 84820 | 86630 |
| Dublin | 969 | 51911 | 80021 | 88908 | 55400 | 04209 | 82715 | 84645 | |
| Shannon | 962 | 22004 | 82018 | 87507 | 28500 | 06207 | 82826 | | |
| Roches Point | 952 | 81721 | 56218 | 88408 | 863// | 07806 | 88708 | | |
| Valentia | 953 | 82707 | 60606 | 88708 | 864// | 07212 | 88716 | | |

## OBSERVATIONS at 06h. 2 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71409 | 62021 | 98205 | 762// | 04706 | 82705 | 87707 | |
| Hurn | 862 | 81307 | 70601 | 98607 | 5532/ | 06708 | 82709 | 85645 | 88460 |
| Manston | 797 | 41810 | 61030 | 02105 | 00906 | 04705 | 84275 | | |
| Gatwick | 776 | 71610 | 50101 | 00305 | 36306 | 04805 | 83707 | 87270 | |
| Kew | 775 | 71607 | 70021 | 00106 | 754// | 05603 | 82712 | 87656 | |
| Heathrow | 772 | 71206 | 62021 | 99905 | 754// | 05704 | 86710 | 87656 | |
| Honington | 586 | 21306 | 56051 | 01104 | 00901 | 03303 | 82075 | | |
| Wattisham | 590 | 21610 | 58011 | 01503 | 15602 | 02101 | 81640 | | |
| Gorleston | 497 | 01911 | 64021 | 02005 | 00900 | 04304 | | | |
| Aberporth | 502 | 31714 | 70018 | 93705 | 33502 | 03703 | 81920 | 83635 | |
| Filton | 628 | 61708 | 75031 | 97206 | 35602 | 05704 | 83640 | 85075 | |
| Rhoose | 715 | 71310 | 80021 | 96006 | 783// | 05708 | 81708 | 87643 | |
| Hartland Point | 703 | 81818 | 74021 | 94607 | 855// | 05709 | 88625 | | |
| Mount Batten | 827 | 81306 | 58638 | 95607 | 7542/ | 05810 | 81714 | 87632 | 88550 |
| St. Mawgan | 817 | 81612 | 56616 | 94806 | 853// | 06606 | 83706 | 88640 | |
| Scilly | 804 | 81413 | 81606 | 93507 | 855// | 05610 | 88625 | | |
| Culdrose | 809 | 80802 | 50636 | 94606 | 4552/ | 05709 | 84625 | 88535 | |
| Guernsey | 894 | 81513 | 62616 | 97107 | 852// | 06717 | 84704 | 87630 | |
| Elmdon | 534 | 51509 | 81031 | 97804 | 55500 | 03704 | 83620 | 85645 | |
| Cardington | 559 | 61608 | 65031 | 99804 | 657// | 04704 | 86656 | | |
| Wittering | 462 | 61810 | 59101 | 99603 | 663// | 03002 | 86709 | | |
| Watnall | 354 | 21807 | 70011 | 98404 | 25300 | 03002 | 81709 | | |
| Shawbury | 414 | 41507 | 68030 | 96405 | 38401 | 04400 | 81818 | 83630 | |
| Finningley | 360 | 71609 | 58031 | 97905 | 754// | 04103 | 87614 | | |
| Spurn Point | 396 | 11611 | 60031 | 99304 | 10970 | 03306 | 81360 | | |
| Leeming | 257 | 21512 | 30101 | 96704 | 00902 | 03208 | 82075 | | |
| Tynemouth | 262 | 31919 | 61020 | 96206 | 30930 | 04208 | 83359 | | |
| Carlisle | 222 | 31609 | 75018 | 93906 | 38500 | 03205 | 81820 | 83638 | |
| Valley | 302 | 31621 | 75011 | 92906 | 35700 | 04500 | 81650 | 83657 | |
| Ringway | 334 | 21811 | 65018 | 96505 | 25601 | 03301 | 82640 | | |
| Squires Gate | 318 | 61613 | 70038 | 95205 | 2565/ | 04202 | 82645 | 85360 | |
| Ronaldsway | 204 | 61618 | 65036 | 92206 | 45402 | 04102 | 81710 | 84656 | |
| Mull of Galloway | 131 | 72035 | 79012 | 90007 | 755// | 05207 | 87625 | | |
| Eskdalemuir | 162 | 71610 | 75038 | 93904 | 784// | 03307 | 83818 | 87640 | |
| Prestwick | 135 | 71912 | 70808 | 91207 | 784// | 05314 | 84814 | 87618 | |
| Abbotsinch | 140 | 71610 | 62586 | 90307 | 754// | 05207 | 81710 | 83616 | 85624 |
| Leuchars | 171 | 61412 | 65018 | 92906 | 685// | 03307 | 83820 | 85630 | |
| Dyce | 091 | 71617 | 68056 | 92306 | 38432 | 04306 | 82818 | 86072 | |
| Lerwick | 005 | 81322 | 40606 | 96005 | 872// | 04605 | 84703 | 88705 | |
| Wick | 075 | 51520 | 62052 | 89806 | 15632 | 05001 | 81630 | 83360 | 85072 |
| Sule Skerry | 010 | 41425 | 60011 | 88707 | 45500 | 05503 | 84625 | | |
| Cape Wrath | 049 | 51422 | 81031 | 84907 | 58400 | 03718 | 83815 | 85620 | |
| Stornoway | 026 | 81717 | 68616 | 84307 | 7552/ | 05206 | 85624 | 87635 | 88560 |
| Benbecula | 022 | 81627 | 60606 | 80807 | 854// | 07208 | 84616 | 88626 | |
| Tiree | 100 | 81830 | 56616 | 83907 | 863// | 06216 | 84708 | 88711 | |
| Aldergrove | 917 | 81714 | 70026 | 88507 | 864// | 05207 | 82712 | 88714 | |
| Malin | 980 | 71923 | 80606 | 85607 | 6642/ | 06215 | 83713 | 85625 | 86458 |
| Belmullet | 976 | 62611 | 70806 | 86608 | 634// | 06319 | 82715 | 81920 | 85637 |
| Birr | 965 | 72005 | 64015 | 88907 | 764// | 06308 | 85710 | 87630 | |
| Dublin | | | | | | | | | |
| Shannon | 962 | 72410 | 80258 | 89807 | 735// | 06315 | 82920 | 83635 | 85650 |
| Roches Point | 952 | 62402 | 70018 | 91206 | 15672 | 05212 | 81643 | 84073 | |
| Valentia | 953 | 30000 | 70026 | 90805 | 38400 | 04308 | 81819 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 93041 | 01 | pr$_o$ | r$_o$r$_o$ |
| Hurn | 862 | 93061 | 04 | + | r$_o$r$_o$ |
| Manston | 797 | 97031 | 01 | + | + |
| Gatwick | 776 | 97041 | 00 | + | r$_o$ |
| Kew | 775 | 00051 | 00 | + | + |
| Heathrow | 772 | 00041 | 00 | + | + |
| Honington | 586 | 00031 | 01 | + | + |
| Wattisham | 590 | 97031 | 01 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 01051 | 02 | pr$_o$ | pr$_o$ir$_o$ |
| Filton | 628 | 92041 | 01 | + | r$_o$ |
| Rhoose | 715 | 95041 | 02 | + | r$_o$r$_o$ |
| Hartland Point | 703 | 02052 | 04 | | |
| Mount Batten | 827 | 07061 | 03 | prpHR | Rr$_o$rr |
| St. Mawgan | 817 | 02051 | 03 | pr$_o$ | r$_o$r$_o$rr$_o$r$_o$ |
| Scilly | 804 | 01061 | 05 | + | ir$_o$ |
| Culdrose | 809 | 03052 | 05 | + | ir$_o$r$_o$r$_o$rr |
| Guernsey | 894 | 06062 | 05 | + | r$_o$r$_o$ir |
| Elmdon | 534 | 97041 | 01 | + | r$_o$ |
| Cardington | 559 | 00041 | 00 | + | + |
| Wittering | 462 | 00031 | 02 | + | + |
| Watnall | 354 | 97041 | 01 | + | + |
| Shawbury | 414 | 97041 | 01 | pr$_o$ | + |
| Finningley | 360 | 00021 | 51 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00031 | 00 | + | + |
| Tynemouth | 262 | 00061 | 03 | + | + |
| Carlisle | 222 | 93051 | 01 | pr$_o$ | + |
| Valley | 302 | 97051 | 04 | + | pr$_o$ |
| Ringway | 334 | 97051 | 03 | pr$_o$ | + |
| Squires Gate | 318 | 97041 | 02 | pr$_o$ | + |
| Ronaldsway | 204 | 91061 | 04 | r$_o$ | pr$_o$ |
| Mull of Galloway | 131 | 97051 | | | |
| Eskdalemuir | 162 | 02041 | 01 | pr$_o$pr | + |
| Prestwick | 135 | 92071 | 05 | ir$_o$id$_o$pr$_o$ | pr$_o$ |
| Abbotsinch | 140 | 96071 | 05 | d$_o$r$_o$r$_o$ | d$_o$r$_o$d$_o$r$_o$ |
| Leuchars | 171 | 91051 | 03 | pr$_o$ | pr$_o$ |
| Dyce | 091 | 91051 | 04 | r$_o$r$_o$ir$_o$ | + |
| Lerwick | 005 | 95032 | 05 | r$_o$r$_o$ | r$_o$r$_o$F |
| Wick | 075 | 00061 | 03 | + | + |
| Sule Skerry | 010 | 00061 | 05 | | |
| Cape Wrath | 049 | 00050 | 05 | + | + |
| Stornoway | 026 | 01061 | 05 | r$_o$ir$_o$ | ir$_o$r$_o$r$_o$pr$_o$ |
| Benbecula | 022 | 10061 | 05 | r$_o$r$_o$r$_o$rr | r$_o$r$_o$rr |
| Tiree | 100 | 07061 | 06 | d$_o$r$_o$r$_o$r | rrr$_o$r$_o$ |
| Aldergrove | 917 | 01061 | 05 | rr$_o$r | r$_o$d$_o$r$_o$-r$_o$ |
| Malin | 980 | 9106 | 05 | | |
| Belmullet | 976 | 0506 | 06 | | |
| Birr | 965 | 9506 | 05 | | |
| Dublin | 969 | 06 | 04 | | |
| Shannon | 962 | 9606 | 03 | | |
| Roches Point | 952 | 0105 | 50 | | |
| Valentia | 953 | 0404 | 02 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 02001 | 80919 | 98026 | 93505 | 855// | 00309 | 88628 | ///// | 05302 | 10725 | 3//12 | ///// |
| L | 99572 | 70202 | 02004 | 83423 | 97038 | 93704 | 884// | 00706 | 82815 | 88625 | 0//00 | 20952 | 30404 | 35005 |
| M | 99663 | 10028 | 02004 | 81217 | 96602 | 07506 | 5742/ | 00807 | ///// | ///// | 00104 | 10571 | 30302 | ///// |
| R | 99468 | 70168 | 02004 | 13006 | 98021 | 97308 | 15500 | 00112 | 81620 | ///// | 0//02 | 11154 | 30000 | 34207 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 02061 | 80717 | 97022 | 95305 | 856// | 00312 | 88636 | ///// | 05250 | 10644 | 3//10 | 08/12 |
| L | 99571 | 70205 | 02064 | 83220 | 97022 | 92005 | 855// | 61510 | 88625 | ///// | 0//52 | 10952 | 30504 | 35005 |
| M | 99664 | 10027 | 02064 | 81415 | 96626 | 07206 | 5742/ | 00703 | ///// | ///// | 00205 | 10576 | 30302 | ///// |
| R | 99468 | 70167 | 02064 | 71413 | 98031 | 94409 | 756// | 00824 | 87640 | ///// | 0//03 | 11140 | 30000 | 34205 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42470

Date of Issue FRIDAY 3 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 2 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81314 | 66616 | 95707 | 853// | 04718 | 86709 | 88616 | |
| Hurn | 862 | 81212 | 59616 | 95207 | 853// | 05821 | 84708 | 86616 | 88635 |
| Manston | 797 | 81414 | 50581 | 00607 | 4531/ | 06813 | 81709 | 84645 | 88462 |
| Gatwick | 776 | 81312 | 57616 | 97907 | 7542/ | 05721 | 83711 | 86626 | 88458 |
| Kew | 775 | 81310 | 65606 | 97908 | 7747/ | 05719 | 87712 | 88460 | |
| Heathrow | 772 | 81414 | 65602 | 97708 | 6547/ | 05817 | 82614 | 85620 | 88460 |
| Honington | 586 | 71411 | 68211 | 99908 | 11478 | 05805 | 81813 | 83466 | 87272 |
| Wattisham | 590 | 71513 | 68011 | 00207 | 48312 | 05708 | 83808 | 84465 | 86070 |
| Gorleston | 497 | 81710 | 58021 | 01505 | 8097/ | 04706 | 88360 | | |
| Aberporth | 502 | 81712 | 78036 | 94607 | 28477 | 05000 | 81818 | 88272 | |
| Filton | 628 | 81314 | 70606 | 95808 | 6542/ | 05712 | 84710 | 84616 | 88460 |
| Rhoose | 715 | 80908 | 64606 | 94908 | 5522/ | 06808 | 81705 | 84614 | 88460 |
| Hartland Point | 703 | 82005 | 68616 | 94707 | 4531/ | 06702 | 82708 | 83625 | 88460 |
| Mount Batten | 827 | 80907 | 63606 | 93408 | 7847/ | 06606 | 82710 | 84640 | 87656 |
| St.Mawgan | 817 | 80000 | 59616 | 94407 | 5732/ | 06303 | 82706 | 84710 | 88460 |
| Scilly | 804 | 70000 | 78026 | 95509 | 5847/ | 07217 | 83818 | 85622 | 87458 |
| Culdrose | 809 | 80606 | 57636 | 94007 | 5842/ | 07305 | 83710 | 84628 | 88459 |
| Guernsey | 894 | 71416 | 70016 | 91607 | 6537/ | 06622 | 83706 | 86614 | |
| Elmdon | 534 | 81609 | 68016 | 97107 | 65437 | 05803 | 86612 | 86365 | 88270 |
| Cardington | 559 | 81510 | 66022 | 97909 | 4541/ | 06816 | 84617 | 88462 | |
| Wittering | 462 | 71713 | 64022 | 98707 | 6133/ | 05805 | 83709 | 85811 | |
| Watnall | 354 | 71508 | 56051 | 98207 | 764// | 05802 | 87710 | | |
| Shawbury | 414 | 71508 | 62041 | 96508 | 4541/ | 06400 | 81710 | 84614 | 87459 |
| Finningley | 360 | 71612 | 60012 | 97908 | 4647/ | 05801 | 84710 | 86359 | |
| Spurn Point | 396 | 61615 | 60031 | 99107 | 3555/ | 05704 | 83620 | 86360 | |
| Leeming | 257 | 61515 | 50041 | 97107 | 684// | 05500 | 82812 | 84822 | 85640 |
| Tynemouth | 262 | 71616 | 61021 | 96807 | 60974 | 04801 | 86359 | | |
| Carlisle | 222 | 71812 | 75251 | 94508 | 3857/ | 04702 | 81822 | 86359 | |
| Valley | 302 | 71720 | 75028 | 94807 | 784// | 06114 | 83814 | 86624 | 87645 |
| Ringway | 334 | 71912 | 56041 | 96508 | 6547/ | 05000 | 85614 | 87360 | |
| Squires Gate | 318 | 71715 | 58041 | 95709 | 28576 | 07004 | 81825 | 87272 | |
| Ronaldsway | 204 | 81919 | 65252 | 93407 | 883// | 06112 | 82708 | 84813 | 86630 |
| Mull of Galloway | 131 | 72128 | 74216 | 91507 | 754// | 06208 | 84710 | 87625 | |
| Eskdalemuir | 162 | 81509 | 60818 | 94605 | 883// | 03303 | 83707 | 86818 | 88640 |
| Prestwick | 135 | 71715 | 75028 | 91906 | 6843/ | 04204 | 82816 | 84625 | |
| Abbotsinch | 140 | 71614 | 65258 | 92207 | 785// | 04204 | 85820 | 87628 | |
| Leuchars | 171 | 21616 | 75021 | 93909 | 18532 | 02002 | 81820 | | |
| Dyce | 091 | 31514 | 75021 | 94208 | 38430 | 04207 | 81816 | 83656 | |
| Lerwick | 005 | 91522 | 02436 | 96105 | 9//// | 05701 | 89/01 | | |
| Wick | 075 | 61714 | 80012 | 92307 | 18532 | 04219 | 81820 | 86072 | |
| Sule Skerry | 010 | 41626 | 74021 | 89408 | 48500 | 05310 | 81820 | 84630 | |
| Cape Wrath | 049 | 61819 | 82022 | 87308 | 4847/ | 04213 | 81815 | 84620 | 86360 |
| Stornoway | 026 | 81828 | 60618 | 85507 | 5532/ | 06209 | 82708 | 85615 | 88550 |
| Benbecula | 022 | 71921 | 65156 | 85307 | 784// | 07232 | 81710 | 83815 | 87635 |
| Tiree | 100 | 81918 | 58616 | 87907 | 7522/ | 07117 | 81704 | 83708 | 87613 |
| Aldergrove | 917 | 72110 | 60806 | 90807 | 782// | 06213 | 82705 | 86625 | |
| Malin | 980 | 82210 | 65616 | 88908 | 6647/ | 07213 | 85714 | 86640 | 88459 |
| Belmullet | 976 | 72305 | 78258 | 90608 | 784// | 06217 | 82716 | 86640 | |
| Birr | 965 | 62206 | 80016 | 92310 | 585/2 | 07105 | 83820 | 84633 | |
| Dublin | 969 | 72108 | 80216 | 92809 | 754// | 05217 | 83717 | 84622 | 87640 |
| Shannon | 962 | 72401 | 84801 | 92209 | 785// | 06109 | 84824 | 85640 | |
| Roches Point | 952 | 71705 | 61021 | 93308 | 784// | 07108 | 81817 | 87635 | |
| Valentia | 953 | 42612 | 70258 | 92709 | 42400 | 06210 | 84818 | | |

## OBSERVATIONS at 18h. 2 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 80606 | 45616 | 94905 | 873// | 05307 | 82707 | 87709 | 88713 |
| Hurn | 862 | 80505 | 48616 | 94406 | 852// | 06308 | 82703 | 86705 | 88610 |
| Manston | 797 | 81112 | 63606 | 95807 | 6552/ | 05613 | 86625 | 88458 | |
| Gatwick | 776 | 80807 | 58636 | 94806 | 854// | 05504 | 88614 | | |
| Kew | 775 | 80906 | 56636 | 95307 | 854// | 05605 | 83712 | 85715 | 88620 |
| Heathrow | 772 | 80907 | 56625 | 95306 | 854// | 05605 | 82714 | 88618 | |
| Honington | 586 | 80807 | 64032 | 97407 | 6547/ | 05606 | 81712 | 86650 | 88361 |
| Wattisham | 590 | 81113 | 59026 | 97107 | 8097/ | 04609 | 85359 | 88462 | |
| Gorleston | 497 | 81116 | 48052 | 98706 | 8093/ | 04708 | 88358 | | |
| Aberporth | 502 | 62005 | 86018 | 96407 | 48432 | 05210 | 83818 | 84362 | 85075 |
| Filton | 628 | 80103 | 35636 | 96406 | 854// | 05313 | 84710 | 88615 | |
| Rhoose | 715 | 80102 | 50616 | 96106 | 7532/ | 06216 | 81708 | 86640 | 88460 |
| Hartland Point | 703 | 70000 | 62026 | 96706 | 752// | 06315 | 83703 | 87635 | |
| Mount Batten | 827 | 63309 | 65156 | 96408 | 68400 | 06221 | 82815 | 85628 | |
| St.Mawgan | 817 | 22906 | 84026 | 96906 | 18332 | 06217 | 81706 | | |
| Scilly | 804 | 12712 | 82021 | 97109 | 12400 | 07310 | 81818 | | |
| Culdrose | 809 | 42606 | 80036 | 97208 | 48400 | 06218 | 81818 | 84625 | |
| Guernsey | 894 | 72922 | 82026 | 96207 | 783/2 | 05341 | 82706 | 83810 | 86618 |
| Elmdon | 534 | 80803 | 62615 | 96706 | 6542/ | 05307 | 82712 | 85621 | 88557 |
| Cardington | 559 | 81109 | 60618 | 96407 | 855// | 06502 | 83628 | 88635 | |
| Wittering | 462 | 81105 | 59616 | 97107 | 854// | 06501 | 83615 | 85622 | 88635 |
| Watnall | 354 | 81005 | 60606 | 97607 | 854// | 06303 | 84615 | 88621 | |
| Shawbury | 414 | 80702 | 40616 | 96307 | 854// | 06104 | 83614 | 88640 | |
| Finningley | 360 | 81105 | 60216 | 97608 | 844// | 06304 | 83615 | 88634 | |
| Spurn Point | 396 | 81215 | 60032 | 98405 | 4557/ | 04604 | 84625 | 88460 | |
| Leeming | 257 | 71307 | 40042 | 97707 | 6567/ | 06506 | 86630 | 87365 | |
| Tynemouth | 262 | 71717 | 56022 | 97907 | 2567/ | 04212 | 82630 | 87360 | |
| Carlisle | 222 | 71808 | 75158 | 96308 | 58572 | 04313 | 81820 | 85645 | 87360 |
| Valley | 302 | 71910 | 81028 | 96207 | 39538 | 05211 | 81920 | 83640 | 86270 |
| Ringway | 334 | 81307 | 60606 | 97108 | 6542/ | 05306 | 81715 | 86622 | 88458 |
| Squires Gate | 318 | 71407 | 58042 | 96708 | 685/8 | 06209 | 81827 | 86640 | |
| Ronaldsway | 204 | 61909 | 80018 | 95806 | 15332 | 05215 | 81708 | 83359 | 85075 |
| Mull of Galloway | 131 | 72125 | 66026 | 94507 | 3547/ | 06216 | 82710 | 86460 | |
| Eskdalemuir | 162 | 81809 | 58638 | 96505 | 853// | 04315 | 86706 | 88625 | |
| Prestwick | 135 | 52014 | 65018 | 94207 | 494/3 | 06318 | 81712 | 81930 | 83640 |
| Abbotsinch | 140 | 61708 | 65018 | 93908 | 38441 | 06317 | 82818 | | |
| Leuchars | 171 | 71612 | 68258 | 95307 | 784// | 04212 | 82817 | 84622 | 87650 |
| Dyce | 091 | 81614 | 45216 | 95406 | 853// | 04209 | 87707 | 88620 | |
| Lerwick | 005 | 71619 | 45108 | 96005 | 782// | 04208 | 85703 | 84623 | |
| Wick | 075 | 31616 | 68051 | 92907 | 20931 | 03209 | 82358 | | |
| Sule Skerry | 010 | 71612 | 74616 | 91307 | 1742/ | 05217 | 81715 | 87458 | |
| Cape Wrath | 049 | 72515 | 81606 | 90606 | 754// | 04220 | 87615 | | |
| Stornoway | 026 | 61914 | 75026 | 90207 | 684// | 06226 | 81711 | 86628 | |
| Benbecula | 022 | 72011 | 81028 | 90107 | 784// | 06222 | 81818 | 83635 | 86645 |
| Tiree | 100 | 72507 | 70606 | 91807 | 6547/ | 06223 | 82710 | 85630 | 85358 |
| Aldergrove | 917 | 71202 | 80158 | 94007 | 784// | 05218 | 83818 | 87645 | |
| Malin | 980 | 52306 | 80216 | 93006 | 48402 | 06320 | 81816 | 84645 | |
| Belmullet | 976 | 60000 | 80012 | 93207 | 45432 | 05217 | 82718 | 83638 | |
| Birr | 965 | 62302 | 81018 | 94607 | 685// | 04316 | 84820 | 84633 | |
| Dublin | 969 | 51402 | 75018 | 94507 | 4956/ | 06211 | 82920 | | |
| Shannon | 962 | 70000 | 82258 | 94108 | 735// | 06215 | 84822 | 82922 | 85635 |
| Roches Point | 952 | 12211 | 80018 | 94908 | 19400 | 06314 | 81919 | | |
| Valentia | 953 | 32008 | 84030 | 94708 | 32500 | 06312 | 83822 | | |

## OBSERVATIONS during DAY

| Station | iii | $R_RT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 03071 | 001 | r₀r₀ | d₀r₀rr₀r₀ |
| Hurn | 862 | 05082 | 000 | r₀r₀r | r₀r₀r |
| Manston | 797 | 96081 | 001 | d₀r₀-r₀ir₀ | r₀r |
| Gatwick | 776 | 05072 | 000 | r₀r₀rd₀ | r₀rrd₀r₀ |
| Kew | 775 | 07082 | 000 | r₀r₀ | r₀rrR |
| Heathrow | 772 | 08091 | 000 | r₀r₀ | d₀-d₀r₀rr |
| Honington | 586 | 91101 | 013 | ir₀ | ir₀r₀r₀ |
| Wattisham | 590 | 92091 | 013 | ir₀ | r₀r₀ |
| Gorleston | 497 | | 026 | | |
| Aberporth | 502 | 97081 | 005 | pr₀ | + |
| Filton | 628 | 04091 | 000 | r₀ | r₀rd₀r₀rrr₀ |
| Rhoose | 715 | 05081 | 000 | ir₀r₀r₀r | r₀rrr₀r₀id₀ |
| Hartland Point | 703 | 03072 | 000 | | |
| Mount Batten | 827 | 02081 | 000 | r₀r | r₀r₀ |
| St.Mawgan | 817 | 03081 | 025 | r₀r₀r | + |
| Scilly | 804 | 92111 | 050 | ir₀ | + |
| Culdrose | 809 | 03091 | 023 | r₀r₀rr | + |
| Guernsey | 894 | 05081 | 003 | r₀r₀d₀r₀ | r₀r₀ |
| Elmdon | 534 | 02081 | 000 | d₀r₀-r₀r₀ | r₀r₀rr₀r₀ |
| Cardington | 559 | 02091 | 002 | ir₀pr₀ | pr₀r₀r₀rr |
| Wittering | 462 | 92091 | 000 | r₀r₀ | r₀r₀ |
| Watnall | 354 | 01081 | 000 | r₀ | r₀rr₀r₀ |
| Shawbury | 414 | 02101 | 001 | r₀ | r₀r₀r |
| Finningley | 360 | 01091 | 001 | + | ir₀r₀r₀r |
| Spurn Point | 396 | | | + | ir₀ |
| Leeming | 257 | 01091 | 019 | + | r₀r |
| Tynemouth | 262 | 00081 | 023 | + | + |
| Carlisle | 222 | 97091 | 019 | pr₀ | jp |
| Valley | 302 | 91101 | 013 | pr₀ | + |
| Ringway | 334 | 01091 | 004 | + | r₀r₀ |
| Squires Gate | 318 | 91101 | 018 | + | pr₀r₀ |
| Ronaldsway | 204 | 92081 | 004 | pr₀ | + |
| Mull of Galloway | 131 | 95071 | | | |
| Eskdalemuir | 162 | 05071 | 025 | prpr₀r₀ | r₀rd₀r₀ir₀rr |
| Prestwick | 135 | 97081 | 008 | pr₀ | pr₀ |
| Abbotsinch | 140 | 02081 | 013 | pr₀ | pr₀pr |
| Leuchars | 171 | 91101 | 056 | pr₀ | pr₀ |
| Dyce | 091 | 97081 | 065 | + | r₀ |
| Lerwick | 005 | 97061 | 000 | FF | ffpr₀ |
| Wick | 075 | 00081 | 053 | + | + |
| Sule Skerry | 010 | 02092 | | | |
| Cape Wrath | 049 | 92091 | 009 | ir₀ | ir₀ |
| Stornoway | 026 | 03081 | 003 | pr₀rrr₀r₀ | pr₀ |
| Benbecula | 022 | 02091 | 003 | rrpr₀ | pr₀ |
| Tiree | 100 | 04081 | 000 | rrr₀rir₀ | ir₀ |
| Aldergrove | 917 | 06111 | 020 | ir₀pr₀ | pR |
| Malin | 980 | 04 | | | |
| Belmullet | 976 | 02 | | | |
| Birr | 965 | 96 | | | |
| Dublin | 969 | 02 | | | |
| Shannon | 962 | 96 | | | |
| Roches Point | 952 | 91 | | | |
| Valentia | 953 | 02 | | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

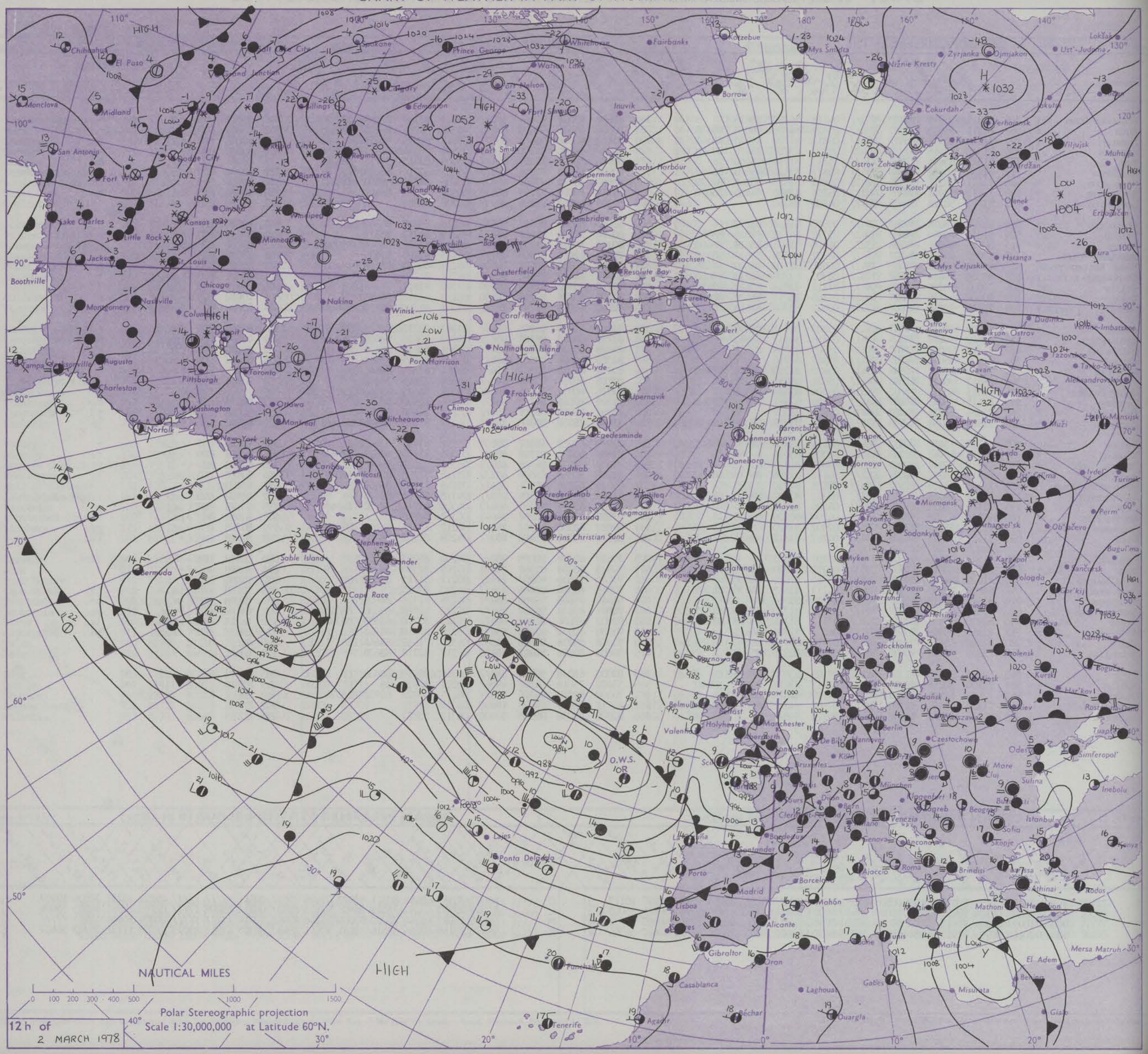
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 02121 | 80714 | 98022 | 00505 | 45652 | 00226 | ///// | ///// | 05453 | 10734 | 30707 | 10112 |
| L | 99570 | 70205 | 02124 | 53121 | 98031 | 92004 | 28430 | 00301 | 82816 | 83362 | 0//51 | 10968 | 30404 | 35005 |
| M | 99664 | 10027 | 02124 | 71615 | 97022 | 07506 | 70870 | 00400 | ///// | ///// | 00205 | 10619 | 30403 | ///// |
| R | 99469 | 70168 | 02124 | 71912 | 97156 | 90410 | 35408 | 00500 | 83610 | 87270 | 0//08 | 11162 | 30602 | 34304 |

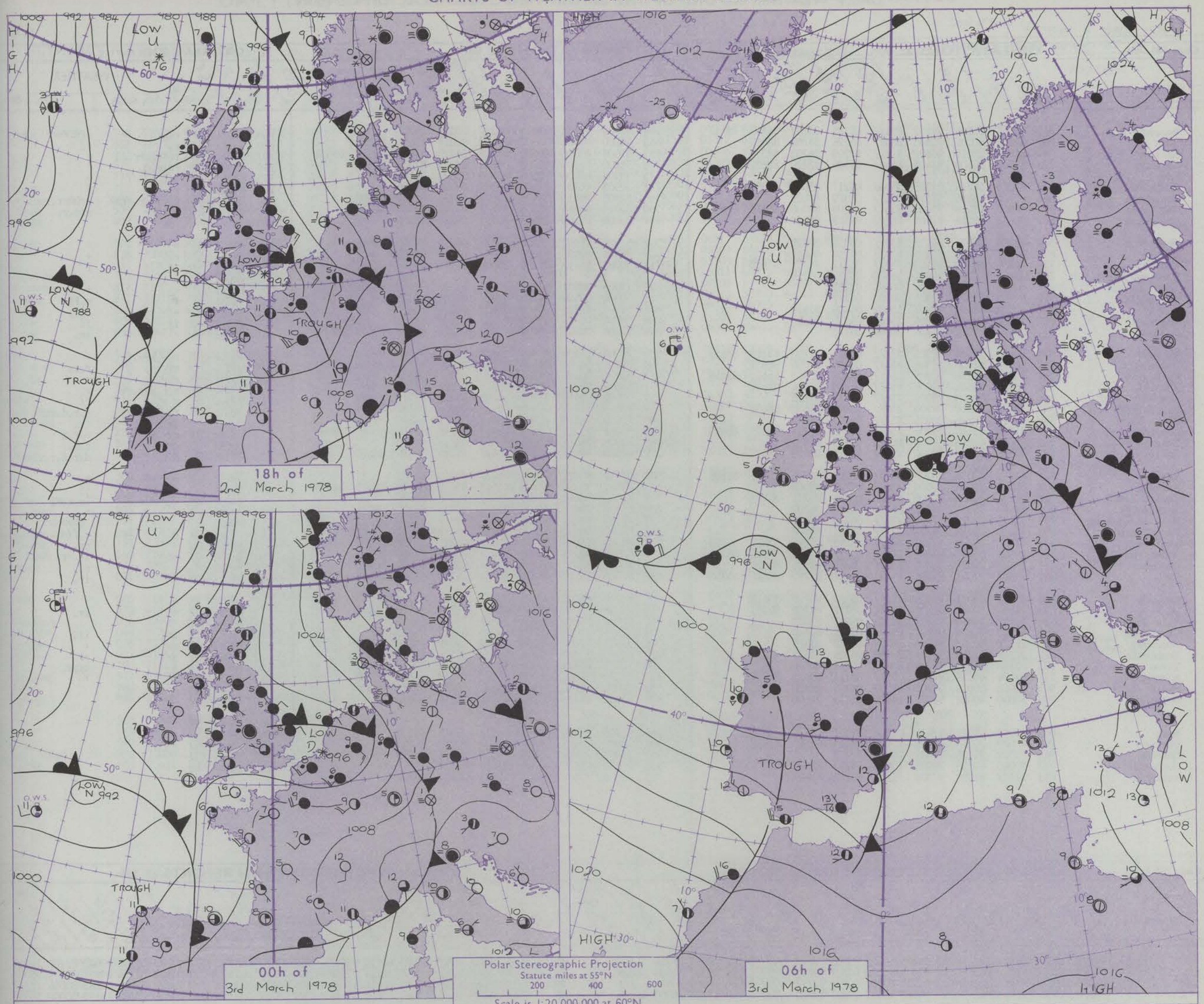
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 02181 | 80811 | 98022 | 03406 | 3555/ | 00311 | ///// | ///// | 05252 | 10731 | 30504 | 10109 |
| L | 99569 | 70203 | 02184 | 73319 | 96901 | 93503 | 6933/ | 00313 | 85909 | ///// | 0//03 | 10961 | 30505 | 35006 |
| M | 99665 | 10027 | 02184 | 71022 | 97031 | 05106 | 67402 | 00714 | ///// | ///// | 00004 | 10601 | 40504 | ///// |
| R | 99470 | 70169 | 02184 | 52516 | 98031 | 90111 | 29463 | 00305 | 81913 | 83073 | 0//08 | 11132 | 30703 | 34407 |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday FRIDAY 3 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours the depression near Brest moved northeast filling slowly. The depression west of the Hebrides moved north towards Iceland. A further low moved southeastwards towards the Bay of Biscay.

During the next 24 hours, the depression near Iceland will continue to move north. The depression near Biscay is expected to transfer into the Mediterranean. A weak ridge of high pressure will move east towards Ireland.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

## Code FM 11.V — OBSERVATIONS at 00h. 3 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82806 | 56106 | 99105 | 851// | 04325 | 83702 | 85703 | 88617 |
| Hurn | 862 | 82606 | 60036 | 99805 | 853// | 05226 | 84708 | 88619 | |
| Manston | 797 | 81605 | 25616 | 96607 | 4722/ | 07209 | 84703 | 88550 | |
| Gatwick | 776 | 82807 | 56506 | 97405 | 854// | 05320 | 82710 | 88622 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 62805 | 56216 | 97505 | 3563/ | 05217 | 83648 | 85360 | |
| Honington | 586 | 80704 | 58586 | 97306 | 855// | 05302 | 88629 | | |
| Wattisham | 590 | 80906 | 58616 | 97006 | 853// | 05204 | 83708 | 86616 | 88650 |
| Gorleston | 497 | 80312 | 48216 | 97605 | 856// | 04703 | 88630 | | |
| Aberporth | 502 | 81909 | 80031 | 99105 | 855// | 04310 | 88628 | | |
| Filton | 628 | 62502 | 30106 | 99805 | 654// | 05218 | 86617 | | |
| Rhoose | 715 | 72605 | 50106 | 99405 | 752// | 05317 | 82703 | 87630 | |
| Hartland Point | 703 | 31409 | 76011 | 99806 | 36400 | 05213 | 83710 | | |
| Mount Batten | 827 | 01005 | 60101 | 00504 | 00900 | 03215 | | | |
| St.Mawgan | 817 | 01608 | 75021 | 00305 | 00900 | 04212 | | | |
| Scilly | 804 | 10000 | 82020 | 99707 | 15602 | 06109 | 81630 | | |
| Culdrose | 809 | 10000 | 09464 | 00204 | 15400 | 04310 | 81610 | | |
| Guernsey | 894 | 02408 | 84011 | 01406 | 00900 | 05111 | | | |
| Elmdon | 534 | 80000 | 15636 | 98505 | 3722/ | 05210 | 81703 | 83710 | 88558 |
| Cardington | 559 | 80203 | 50636 | 97306 | 853// | 06308 | 86708 | 88619 | |
| Wittering | 462 | 80205 | 22636 | 97905 | 851// | 05303 | 83702 | 85612 | 88628 |
| Watnall | 354 | 80304 | 18616 | 99006 | 852// | 05204 | 86704 | 88614 | |
| Shawbury | 414 | 70802 | 40216 | 99005 | 754// | 05313 | 87616 | | |
| Finningley | 360 | 83602 | 59616 | 98706 | 856// | 05002 | 83630 | 88650 | |
| Spurn Point | 396 | 80511 | 50216 | 99005 | 857// | 05804 | 88656 | | |
| Leeming | 257 | 81404 | 45616 | 99706 | 854// | 06209 | 82714 | 85620 | 88650 |
| Tynemouth | 262 | 81612 | 48616 | 00205 | 8052/ | 05213 | 88525 | | |
| Carlisle | 222 | 80502 | 60032 | 98906 | 855// | 05313 | 81625 | 88643 | |
| Valley | 302 | 81911 | 80031 | 98707 | 863// | 05211 | 81706 | 86707 | 88709 |
| Ringway | 334 | 80902 | 57606 | 98806 | 856// | 05209 | 88645 | | |
| Squires Gate | 318 | 81206 | 30588 | 98906 | 854// | 06209 | 85712 | 88635 | |
| Ronaldsway | 204 | 61805 | 75031 | 98506 | 663// | 05210 | 86707 | | |
| Mull of Galloway | 131 | 72015 | 82022 | 97706 | 756// | 05213 | 87630 | | |
| Eskdalemuir | 162 | 80000 | 58216 | 99304 | 873// | 04211 | 88709 | | |
| Prestwick | 135 | 81706 | 75031 | 97806 | 884// | 05212 | 81814 | 83635 | 88650 |
| Abbotsinch | 140 | 70000 | 68028 | 97807 | 784// | 05215 | 81818 | 84622 | 86645 |
| Leuchars | 171 | 70202 | 70021 | 98706 | 784// | 03216 | 82816 | 86650 | |
| Dyce | 091 | 72005 | 57041 | 98406 | 45432 | 04218 | 82710 | 83616 | 85358 |
| Lerwick | 005 | 81620 | 62031 | 98405 | 853// | 05308 | 84708 | 88618 | |
| Wick | 075 | 71605 | 70021 | 96606 | 16331 | 05217 | 81708 | 86359 | |
| Sule Skerry | 010 | 31612 | 81016 | 95507 | 35500 | 05217 | 83625 | | |
| Cape Wrath | 049 | 82315 | 74036 | 94907 | 855// | 04221 | 88620 | | |
| Stornoway | 026 | 22110 | 80258 | 94706 | 28400 | 04220 | 81815 | | |
| Benbecula | 022 | 21509 | 82258 | 94905 | 28400 | 04324 | 81815 | | |
| Tiree | 100 | 82109 | 65036 | 95906 | 856// | 05217 | 88640 | | |
| Aldergrove | 917 | 61606 | 65018 | 97006 | 655// | 03111 | 83625 | 86656 | |
| Malin | 980 | 41606 | 80018 | 96306 | 48500 | 05205 | 81820 | 83640 | |
| Belmullet | 976 | 10000 | 80021 | 96003 | 15600 | 02213 | 81640 | | |
| Birr | 965 | 01901 | 62028 | 97404 | 00900 | 03212 | | | |
| Dublin | 969 | 40000 | 70011 | 97506 | 45400 | 03315 | 81715 | 83635 | |
| Shannon | 962 | 02002 | 70028 | 97004 | 00900 | 02213 | | | |
| Roches Point | 952 | 10000 | 80020 | 98005 | 15600 | 03210 | 81640 | | |
| Valentia | 953 | 71707 | 81038 | 97107 | 725// | 05212 | 87822 | | |

## OBSERVATIONS at 06h. 3 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62702 | 56102 | 03004 | 662// | 03220 | 86703 | | |
| Hurn | 862 | 40000 | 09461 | 03600 | 25630 | 00218 | 82635 | 83365 | |
| Manston | 797 | 62608 | 61036 | 01905 | 654// | 05229 | 82710 | 83616 | 85635 |
| Gatwick | 776 | 52208 | 30105 | 02703 | 46201 | 02225 | 81703 | 84707 | |
| Kew | 775 | 32305 | 40106 | 02504 | 35400 | 03320 | 81710 | | |
| Heathrow | 772 | 32305 | 26101 | 02402 | 25302 | 02324 | 81706 | | |
| Honington | 586 | 82908 | 20615 | 00905 | 870// | 05222 | 82701 | 88702 | |
| Wattisham | 590 | 82810 | 30216 | 00805 | 872// | 05222 | 85703 | 88705 | |
| Gorleston | 497 | 80000 | 60606 | 00605 | 857// | 04219 | 88650 | | |
| Aberporth | 502 | 61909 | 70012 | 02204 | 656// | 04219 | 82630 | 86645 | |
| Filton | 628 | 72404 | 40101 | 03005 | 756// | 04217 | 87640 | | |
| Rhoose | 715 | 50000 | 64112 | 02205 | 55500 | 05214 | 85628 | | |
| Hartland Point | | | | | | | | | |
| Mount Batten | 827 | 71006 | 60101 | 02203 | 25332 | 03307 | 81706 | 84362 | 87070 |
| St.Mawgan | 817 | 50906 | 07424 | 01705 | 5093/ | 04206 | 85360 | | |
| Scilly | 804 | 71108 | 82216 | 00408 | 756// | 08303 | 87632 | | |
| Culdrose | 809 | 90906 | 05474 | 01605 | 9//// | 05209 | 89/01 | | |
| Guernsey | 894 | 71404 | 70021 | 03406 | 752// | 06210 | 84703 | 85618 | 87656 |
| Elmdon | 534 | 70000 | 15106 | 01805 | 754// | 05216 | 86618 | 87650 | |
| Cardington | 559 | 82706 | 35106 | 01106 | 853// | 06221 | 85706 | 88624 | |
| Wittering | 462 | 83106 | 30106 | 01305 | 852// | 05217 | 86703 | 88618 | |
| Watnall | 354 | 83002 | 18106 | 02005 | 852// | 05317 | 83703 | 88620 | |
| Shawbury | 414 | 50602 | 07414 | 01905 | 55400 | 05215 | 82710 | 85650 | |
| Finningley | 360 | 83603 | 14616 | 01605 | 851// | 05216 | 81702 | 88645 | |
| Spurn Point | 396 | 80000 | 56216 | 01505 | 856// | 04217 | 88646 | | |
| Leeming | 257 | 80502 | 25216 | 02105 | 854// | 05214 | 81710 | 85625 | 88656 |
| Tynemouth | 262 | 81803 | 56616 | 02605 | 8062/ | 05215 | 88530 | | |
| Carlisle | 222 | 81506 | 62616 | 01307 | 854// | 05215 | 82616 | 88620 | |
| Valley | 302 | 81712 | 65022 | 01607 | 862// | 05215 | 88705 | | |
| Ringway | 334 | 81602 | 35106 | 01705 | 855// | 05116 | 81622 | 86626 | 88643 |
| Squires Gate | 318 | 81102 | 38616 | 01606 | 855// | 06215 | 88620 | | |
| Ronaldsway | 204 | 81503 | 75012 | 01106 | 862// | 06215 | 86704 | 88714 | |
| Mull of Galloway | 131 | 82110 | 60022 | 00806 | 852// | 06217 | 81704 | 88625 | |
| Eskdalemuir | 162 | 80000 | 08466 | 01604 | 861// | 04213 | 88702 | | |
| Prestwick | 135 | 81505 | 75028 | 00506 | 7857/ | 04215 | 81820 | 83635 | 87650 |
| Abbotsinch | 140 | 80902 | 62216 | 00406 | 854// | 05313 | 82616 | 88645 | |
| Leuchars | 171 | 80000 | 62212 | 01004 | 856// | 03213 | 84630 | 88645 | |
| Dyce | 091 | 81303 | 56212 | 01105 | 854// | 04315 | 81710 | 84620 | 88656 |
| Lerwick | 005 | 81717 | 65022 | 00806 | 863// | 05316 | 83706 | 88709 | |
| Wick | 075 | 71908 | 75216 | 99906 | 6563/ | 04217 | 82630 | 86642 | |
| Sule Skerry | 010 | 62010 | 74021 | 99407 | 655// | 05219 | 86625 | | |
| Cape Wrath | 049 | 42314 | 83016 | 98805 | 45500 | 03219 | 84625 | | |
| Stornoway | 026 | 51910 | 80038 | 98606 | 28432 | 04219 | 81818 | 83365 | |
| Benbecula | 022 | 61709 | 82028 | 98204 | 48432 | 04216 | 81815 | 84630 | |
| Tiree | 100 | 72012 | 60811 | 99006 | 784// | 05318 | 82817 | 87627 | |
| Aldergrove | 917 | 62002 | 58012 | 00005 | 656// | 04217 | 84632 | 85650 | |
| Malin | 980 | 72003 | 65106 | 99305 | 654/2 | 05216 | 82715 | 84636 | |
| Belmullet | 976 | 43601 | 78258 | 99204 | 43500 | 04219 | 84920 | | |
| Birr | 965 | 61703 | 66808 | 00403 | 685// | 02315 | 85820 | | |
| Dublin | 969 | 30000 | 70031 | 00504 | 35600 | 03219 | 83640 | | |
| Shannon | 962 | 71305 | 75028 | 00404 | 785// | 03211 | 81820 | 86630 | |
| Roches Point | 952 | 70000 | 75031 | 00805 | 756// | 03213 | 87645 | | |
| Valentia | 953 | 80302 | 70038 | 00505 | 825// | 04319 | 88822 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 95021 | 51 | $rr_o$ | iffFF |
| Hurn | 862 | 93511 | 52 | $r_o$ | ff |
| Manston | 797 | 03051 | 03 | $rrd_or_o$–$r_or_o$ | + |
| Gatwick | 776 | 01021 | 50 | $rr_or_od_o$ | + |
| Kew | 775 | 02041 | 50 | $Rrr_or_o$ | + |
| Heathrow | 772 | 01021 | 51 | $r_or_o$ | f |
| Honington | 586 | 05051 | 05 | $r_or_od_or_odrDR$ | $drDRrr_or_od_o$ |
| Wattisham | 590 | 03051 | 04 | $r_or_orr$ | $rrd_or_o$ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00031 | 01 | + | + |
| Filton | 628 | 97041 | 51 | $r_o$ | + |
| Rhoose | 715 | 00021 | 51 | jf | f |
| Hartland Point | 703 | 00041 | 02 | | |
| Mount Batten | 827 | 00021 | 51 | + | + |
| St.Mawgan | 817 | 91031 | 51 | F | $r_off$ |
| Scilly | 804 | 96062 | 03 | + | $r_or_o$ |
| Culdrose | 809 | 00021 | 52 | ff | ff |
| Guernsey | 894 | 97061 | 04 | + | $ir_o$ |
| Elmdon | 534 | 02041 | 02 | $r_or_orrr_off$ | + |
| Cardington | 559 | 07051 | 05 | $rrr_or_o$ | $r_or_o$ |
| Wittering | 462 | 08051 | 04 | $r_or_orr$ | r |
| Watnall | 354 | 03051 | 05 | $r_or_od_or_orr$ | $r_o$ |
| Shawbury | 414 | 92041 | 01 | $r_or_o$ | ff |
| Finningley | 360 | 02051 | 04 | $r_or_or$ | $r_or_od_or_of$ |
| Spurn Point | 396 | | | $ir_o$ | $ir_o$ |
| Leeming | 257 | 03041 | 03 | $rrr_or_o$ | $r_or_of$ |
| Tynemouth | 262 | 02052 | 03 | $rrir_o$ | $r_or_o$ |
| Carlisle | 222 | 95061 | 04 | $d_or_o$ | $d_or_od_or_or_or_or$ |
| Valley | 302 | 00051 | 02 | + | + |
| Ringway | 334 | 93051 | 01 | $r_or_o$ | jf |
| Squires Gate | 318 | 01051 | 05 | $r_or_od_or_or$ | $ir_or_or_o$ |
| Ronaldsway | 204 | 00041 | 01 | + | + |
| Mull of Galloway | 131 | 00051 | | | |
| Eskdalemuir | 162 | 01041 | 01 | $r_or$ | $r_offd_o$ |
| Prestwick | 135 | 97051 | 04 | + | $pr_o$ |
| Abbotsinch | 140 | 01051 | 03 | pr | $ir_o$–$r_o$ |
| Leuchars | 171 | 97041 | 03 | + | $r_o$ |
| Dyce | 091 | 97041 | 02 | + | $ir_o$ |
| Lerwick | 005 | 00051 | 04 | + | + |
| Wick | 075 | 97051 | 02 | + | $ir_o$ |
| Sule Skerry | 010 | 00061 | 04 | | |
| Cape Wrath | 049 | 97041 | 02 | $ir_o$ | $ir_o$ |
| Stornoway | 026 | 93041 | 01 | $pr_o$ | + |
| Benbecula | 022 | 94041 | 51 | $pr_o$ | $pr_o$ |
| Tiree | 100 | 01041 | 01 | + | $prpr_o$ |
| Aldergrove | 917 | 00021 | 00 | + | + |
| Malin | 980 | 9405 | 04 | | |
| Belmullet | 976 | 0102 | 52 | | |
| Birr | 965 | 9101 | 52 | | |
| Dublin | 969 | 9703 | 51 | | |
| Shannon | 962 | 9203 | 52 | | |
| Roches Point | 952 | 9704 | 52 | | |
| Valentia | 953 | 0104 | 03 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR C | 99527 | 70355 | 03001 | 81014 | 98022 | 04306 | 8092/ | 00802 | ///// | ///// | 05102 | 10662 | 3//06 | 11/08 |
| CLMR L | 99568 | 70203 | 03004 | 33425 | 97018 | 97805 | 38400 | 00327 | 82815 | ///// | 0//01 | 10947 | 30505 | 36008 |
| CLMR M | 99665 | 10027 | 03004 | 01319 | 97012 | 04105 | 00900 | 00707 | ///// | ///// | 00004 | 10599 | 30504 | ///// |
| CLMR R | 99470 | 70168 | 03004 | 22409 | 98021 | 94310 | 22502 | 00223 | 82820 | ///// | 0//07 | 11137 | 30000 | 34406 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR C | 99527 | 70355 | 03061 | 81114 | 97617 | 99707 | 8742/ | 00828 | ///// | ///// | 00104 | 10670 | 3//08 | 11/09 |
| CLMR L | 99567 | 70203 | 03064 | 73221 | 97268 | 03805 | 784// | 00334 | 84815 | 85625 | 0//54 | 10957 | 30505 | 35007 |
| CLMR M | 99666 | 10026 | 03064 | 71614 | 97022 | 04006 | 75400 | 00302 | ///// | ///// | 00104 | 10585 | 30504 | ///// |
| CLMR R | 99469 | 70168 | 03064 | 80421 | 95816 | 01209 | 884// | 00238 | 84810 | 87630 | 0//08 | 11125 | 30000 | 34406 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42471

Date of Issue SATURDAY 4 MARCH 1978

Code FM 11.V

## OBSERVATIONS at 12h. 3 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 21605 | 66034 | 05409 | 21501 | 04207 | 82820 | | |
| Hurn | 862 | 21805 | 75014 | 05911 | 11532 | 05105 | 81820 | | |
| Manston | 797 | 62907 | 70022 | 05909 | 58541 | 05112 | 82820 | 84630 | |
| Gatwick | 776 | 72402 | 56042 | 06107 | 763// | 05108 | 87707 | | |
| Kew | 775 | 72703 | 58051 | 06007 | 763// | 05107 | 87708 | | |
| Heathrow | 772 | 72003 | 56054 | 05807 | 763// | 06110 | 87709 | | |
| Honington | 586 | 82707 | 25056 | 05307 | 853// | 06116 | 85706 | 88640 | |
| Wattisham | 590 | 72809 | 57052 | 05108 | 783// | 05115 | 85808 | 87635 | |
| Gorleston | 497 | 62809 | 32012 | 05308 | 6091/ | 06224 | 86458 | | |
| Aberporth | 502 | 51610 | 75021 | 05009 | 18432 | 04209 | 81818 | 84075 | |
| Filton | 628 | 73502 | 68031 | 05609 | 18532 | 05108 | 81824 | 86075 | |
| Rhoose | 715 | 41307 | 68034 | 05109 | 18576 | 04109 | 81820 | 84272 | |
| Hartland Point | 703 | 71205 | 64021 | 04608 | 784// | 06211 | 81815 | 87635 | |
| Mount Batten | 827 | 71009 | 65022 | 04309 | 58431 | 07207 | 82814 | 84630 | |
| St.Mawgan | 817 | 71212 | 70026 | 03609 | 3237/ | 07107 | 81708 | 83810 | 87359 |
| Scilly | 804 | 71314 | 62022 | 02610 | 5847/ | 09109 | 82816 | 85621 | 87460 |
| Culdrose | 809 | 71111 | 64214 | 03210 | 58331 | 07207 | 81707 | 85818 | |
| Guernsey | 894 | 71412 | 67026 | 05308 | 752// | 06108 | 81703 | 86640 | |
| Elmdon | 534 | 62006 | 57042 | 05309 | 42402 | 05212 | 84815 | 84072 | |
| Cardington | 559 | 72706 | 56052 | 05209 | 68432 | 06112 | 83817 | 83820 | 86078 |
| Wittering | 462 | 73605 | 50022 | 05407 | 783// | 06112 | 81709 | 85816 | 87630 |
| Watnall | 354 | 73202 | 30052 | 05507 | 723// | 06112 | 84707 | 84712 | |
| Shawbury | 414 | 52407 | 70014 | 05309 | 58502 | 05216 | 82820 | 84650 | |
| Finningley | 360 | 70302 | 18216 | 05107 | 752// | 06113 | 84704 | 87635 | |
| Spurn Point | 396 | 82505 | 10102 | 05305 | 861// | 05220 | 88702 | | |
| Leeming | 257 | 73602 | 56044 | 05207 | 756// | 06112 | 83635 | 87645 | |
| Tynemouth | 262 | 81802 | 32106 | 05806 | 2567/ | 06213 | 82630 | 88358 | |
| Carlisle | 222 | 71104 | 62016 | 04607 | 784// | 06112 | 81714 | 83625 | 86643 |
| Valley | 302 | 61813 | 75022 | 05209 | 28332 | 06116 | 81707 | 86075 | |
| Ringway | 334 | 50602 | 58016 | 04809 | 38432 | 05112 | 81812 | 83650 | |
| Squires Gate | 318 | 61203 | 32046 | 05010 | 48402 | 07113 | 82817 | 83650 | |
| Ronaldsway | 204 | 82103 | 57102 | 04606 | 861// | 05218 | 82702 | 88703 | |
| Mull of Galloway | 131 | 72312 | 74022 | 04307 | 754// | 07219 | 83710 | 87625 | |
| Eskdalemuir | 162 | 81705 | 58055 | 04906 | 853// | 05216 | 83709 | 87715 | |
| Prestwick | 135 | 73008 | 65252 | 04008 | 784// | 06216 | 81712 | 86618 | |
| Abbotsinch | 140 | 72604 | 65026 | 03808 | 784// | 05216 | 82712 | 85816 | 87630 |
| Leuchars | 171 | 70000 | 58042 | 04208 | 755// | 05213 | 82625 | 83632 | 87640 |
| Dyce | 091 | 71510 | 30056 | 04107 | 762// | 06212 | 84704 | 84706 | |
| Lerwick | 005 | 81814 | 56022 | 03806 | 863// | 05212 | 85706 | 88710 | |
| Wick | 075 | 41607 | 89031 | 03008 | 18532 | 04213 | 81822 | 84362 | |
| Sule Skerry | 010 | 32006 | 82021 | 02908 | 12570 | 05216 | 81820 | | |
| Cape Wrath | 049 | 52312 | 82036 | 02207 | 45570 | 05216 | 84620 | 85360 | |
| Stornoway | 026 | 72111 | 75252 | 02107 | 5843/ | 05217 | 81710 | 83815 | 86362 |
| Benbecula | 022 | 31811 | 82028 | 02107 | 28430 | 05219 | 81818 | | |
| Tiree | 100 | 71610 | 82028 | 02707 | 734// | 06221 | 81712 | 81918 | 87638 |
| Aldergrove | 917 | 72606 | 06461 | 04007 | 760// | 05218 | 84700 | 86706 | |
| Malin | 980 | 72710 | 80806 | 03308 | 6343/ | 05219 | 83819 | 85640 | 85360 |
| Belmullet | 976 | 41901 | 82028 | 03909 | 38530 | 05118 | 81820 | 83642 | |
| Birr | 965 | 72203 | 80028 | 04408 | 784// | 05321 | 83716 | 84820 | |
| Dublin | 969 | 52402 | 80011 | 04010 | 48502 | 03215 | 83822 | 84070 | |
| Shannon | 962 | 72203 | 86012 | 04408 | 58532 | 06220 | 83820 | 83650 | |
| Roches Point | 952 | 70000 | 59102 | 04906 | 734// | 06222 | 81917 | 87645 | |
| Valentia | 953 | 73411 | 80808 | 05307 | 68406 | 05224 | 85818 | 87270 | |

## OBSERVATIONS at 18h. 3 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 41005 | 65011 | 06608 | 14601 | 04309 | 81630 | 84075 | |
| Hurn | 862 | 71505 | 75011 | 07007 | 11531 | 05312 | 81825 | 86075 | |
| Manston | 797 | 50902 | 28041 | 07407 | 00908 | 05208 | 85272 | | |
| Gatwick | 776 | 70302 | 70021 | 06809 | 10938 | 04305 | 81365 | 87275 | |
| Kew | 775 | 60000 | 80021 | 06907 | 18601 | 03309 | 81830 | 86075 | |
| Heathrow | 772 | 61801 | 70031 | 06809 | 12501 | 05309 | 81828 | 86075 | |
| Honington | 586 | 42401 | 56051 | 07307 | 45501 | 05313 | 84624 | | |
| Wattisham | 590 | 70302 | 58012 | 07508 | 756// | 05313 | 87630 | | |
| Gorleston | 497 | 80306 | 16052 | 07604 | 8091/ | 04213 | 88458 | | |
| Aberporth | 502 | 70304 | 80022 | 07405 | 48532 | 04217 | 81823 | 84650 | 85075 |
| Filton | 628 | 50605 | 75022 | 06908 | 14532 | 03309 | 81828 | 85075 | |
| Rhoose | 715 | 50502 | 70031 | 06408 | 18572 | 03309 | 81825 | 85075 | |
| Hartland Point | 703 | 80608 | 78032 | 05908 | 4843/ | 05211 | 82815 | 84635 | 88360 |
| Mount Batten | 827 | 70909 | 68022 | 05309 | 7847/ | 07209 | 81710 | 86628 | 87460 |
| St.Mawgan | 817 | 70710 | 62602 | 05108 | 6547/ | 06213 | 83710 | 86615 | 87459 |
| Scilly | 804 | 80913 | 45216 | 03809 | 862// | 08310 | 88703 | | |
| Culdrose | 809 | 80910 | 50588 | 04508 | 850// | 07309 | 82701 | 86702 | 88625 |
| Guernsey | 894 | 70709 | 70026 | 05208 | 45672 | 06307 | 84645 | 86359 | 86465 |
| Elmdon | 534 | 71502 | 64022 | 07108 | 24532 | 02312 | 81825 | 86075 | |
| Cardington | 559 | 70502 | 63022 | 06808 | 585/1 | 07212 | 81820 | 85640 | 85075 |
| Wittering | 462 | 50703 | 50051 | 07307 | 00901 | 05312 | 85075 | | |
| Watnall | 354 | 71005 | 30051 | 07408 | 685/2 | 06312 | 86822 | | |
| Shawbury | 414 | 60000 | 80012 | 07208 | 14632 | 04312 | 81830 | 86072 | |
| Finningley | 360 | 61002 | 59022 | 06807 | 15742 | 05208 | 81650 | 86075 | |
| Spurn Point | 396 | 70206 | 40102 | 07306 | 755// | 05213 | 87620 | | |
| Leeming | 257 | 71602 | 50042 | 06808 | 756// | 06209 | 87640 | | |
| Tynemouth | 262 | 71607 | 08444 | 07505 | 4563/ | 05211 | 84630 | 87358 | |
| Carlisle | 222 | 72902 | 30218 | 07207 | 754// | 06315 | 84714 | 86650 | |
| Valley | 302 | 92405 | 01471 | 08105 | 9//// | 05318 | 89/01 | | |
| Ringway | 334 | 43202 | 59011 | 06908 | 25702 | 05311 | 82650 | 83075 | |
| Squires Gate | 318 | 73307 | 62022 | 07707 | 656/1 | 06315 | 86635 | 87075 | |
| Ronaldsway | 204 | 70000 | 60012 | 07405 | 15232 | 04215 | 81705 | 86075 | |
| Mull of Galloway | 131 | 82408 | 70024 | 07005 | 854// | 05215 | 84710 | 88620 | |
| Eskdalemuir | 162 | 60000 | 62012 | 07404 | 28532 | 03313 | 81820 | 84362 | |
| Prestwick | 135 | 71802 | 65158 | 06607 | 68431 | 05216 | 81711 | 83645 | 86656 |
| Abbotsinch | 140 | 72009 | 62028 | 05907 | 78431 | 05313 | 81816 | 87650 | |
| Leuchars | 171 | 71306 | 62806 | 06108 | 784// | 05213 | 82713 | 83825 | 87638 |
| Dyce | 091 | 71305 | 30052 | 06106 | 754/1 | 05213 | 81615 | 86645 | |
| Lerwick | 005 | 81814 | 40052 | 05405 | 862// | 05208 | 84703 | 88705 | |
| Wick | 075 | 71906 | 50051 | 05007 | 3567/ | 04212 | 83645 | 84359 | 85362 |
| Sule Skerry | 010 | 62510 | 82018 | 04707 | 1557/ | 05208 | 81625 | 86358 | |
| Cape Wrath | 049 | 42710 | 82018 | 04106 | 45500 | 04210 | 84625 | | |
| Stornoway | 026 | 62110 | 70158 | 04606 | 694// | 04314 | 81916 | 83818 | 85635 |
| Benbecula | 022 | 62306 | 75871 | 04607 | 694// | 04215 | 83914 | 85818 | |
| Tiree | 100 | 22207 | 89018 | 05705 | 19460 | 04217 | 81918 | | |
| Aldergrove | 917 | 32103 | 80014 | 06606 | 28531 | 02215 | 81825 | | |
| Malin | 980 | 42307 | 89018 | 06706 | 48400 | 04219 | 81818 | 84650 | |
| Belmullet | 976 | 43202 | 83258 | 08006 | 33503 | 04221 | 83920 | 82920 | |
| Birr | 965 | 72907 | 80808 | 08207 | 785// | 05324 | 85820 | 85635 | |
| Dublin | 969 | 72402 | 70038 | 07308 | 685/2 | 04221 | 82824 | 86640 | |
| Shannon | 962 | 33211 | 84018 | 08408 | 38502 | 02223 | 81825 | 83656 | |
| Roches Point | 952 | 73306 | 82258 | 08008 | 6847/ | 05223 | 85819 | 83645 | 87360 |
| Valentia | 953 | 13509 | 84020 | 09407 | 11500 | 03224 | 81820 | | |

## OBSERVATIONS during DAY

| Station | iii | RRTTxxE | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00111 | 064 | Ff | + |
| Hurn | 862 | 00111 | 075 | jf | jf |
| Manston | 797 | 00111 | 052 | + | + |
| Gatwick | 776 | 00111 | 036 | + | + |
| Kew | 775 | 00111 | 045 | + | + |
| Heathrow | 772 | 00111 | 042 | + | + |
| Honington | 586 | 00091 | 004 | f | + |
| Wattisham | 590 | 00091 | 006 | + | + |
| Gorleston | 497 | | 007 | | |
| Aberporth | 502 | 00091 | 044 | + | + |
| Filton | 628 | 00111 | 071 | + | + |
| Rhoose | 715 | 00111 | 076 | + | + |
| Hartland Point | 703 | 00081 | 031 | | |
| Mount Batten | 827 | 97101 | 018 | + | r. |
| St.Mawgan | 817 | 05102 | 005 | ff | rr |
| Scilly | 804 | 06102 | 000 | + | ir.rr |
| Culdrose | 809 | 05102 | 000 | pr. | d.r.irrr |
| Guernsey | 894 | 91101 | 001 | ir. | ir. |
| Elmdon | 534 | 00111 | 039 | + | + |
| Cardington | 559 | 00121 | 026 | + | + |
| Wittering | 462 | 00101 | 022 | + | + |
| Watnall | 354 | 00111 | 016 | + | + |
| Shawbury | 414 | 00111 | 028 | + | + |
| Finningley | 360 | 01101 | 013 | + | drd.r.d.r. |
| Spurn Point | 396 | | | + | FF |
| Leeming | 257 | 00091 | 000 | + | f |
| Tynemouth | 262 | 00071 | 000 | + | ff |
| Carlisle | 222 | 03091 | 002 | rRr.pr. | rr.ff |
| Valley | 302 | 00091 | 068 | + | fFFff |
| Ringway | 334 | 97101 | 019 | r. | + |
| Squires Gate | 318 | 00101 | 039 | jf | + |
| Ronaldsway | 204 | 00071 | 004 | + | + |
| Mull of Galloway | 131 | 00081 | | | |
| Eskdalemuir | 162 | 00081 | 003 | + | + |
| Prestwick | 135 | 94091 | 005 | pr. | pr. |
| Abbotsinch | 140 | 94101 | 013 | pr. | pr. |
| Leuchars | 171 | 97091 | 004 | r. | pr. |
| Dyce | 091 | 97081 | 008 | ir. | + |
| Lerwick | 005 | 00061 | 000 | + | + |
| Wick | 075 | 00091 | 077 | + | + |
| Sule Skerry | 010 | 93071 | | | |
| Cape Wrath | 049 | 97091 | 022 | ir.pr | + |
| Stornoway | 026 | 02091 | 033 | pr.prpr. | pr.pr |
| Benbecula | 022 | 94091 | 045 | pr. | ph.rpr. |
| Tiree | 100 | 96081 | 031 | prr.pr | + |
| Aldergrove | 917 | 00101 | 077 | f | + |
| Malin | 980 | 9309 | 032 | | |
| Belmullet | 976 | 0210 | 057 | | |
| Birr | 965 | 9609 | 003 | | |
| Dublin | 969 | 9711 | 047 | | |
| Shannon | 962 | 9710 | 016 | | |
| Roches Point | 952 | 9709 | 004 | | |
| Valentia | 953 | 9109 | 038 | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 12h.

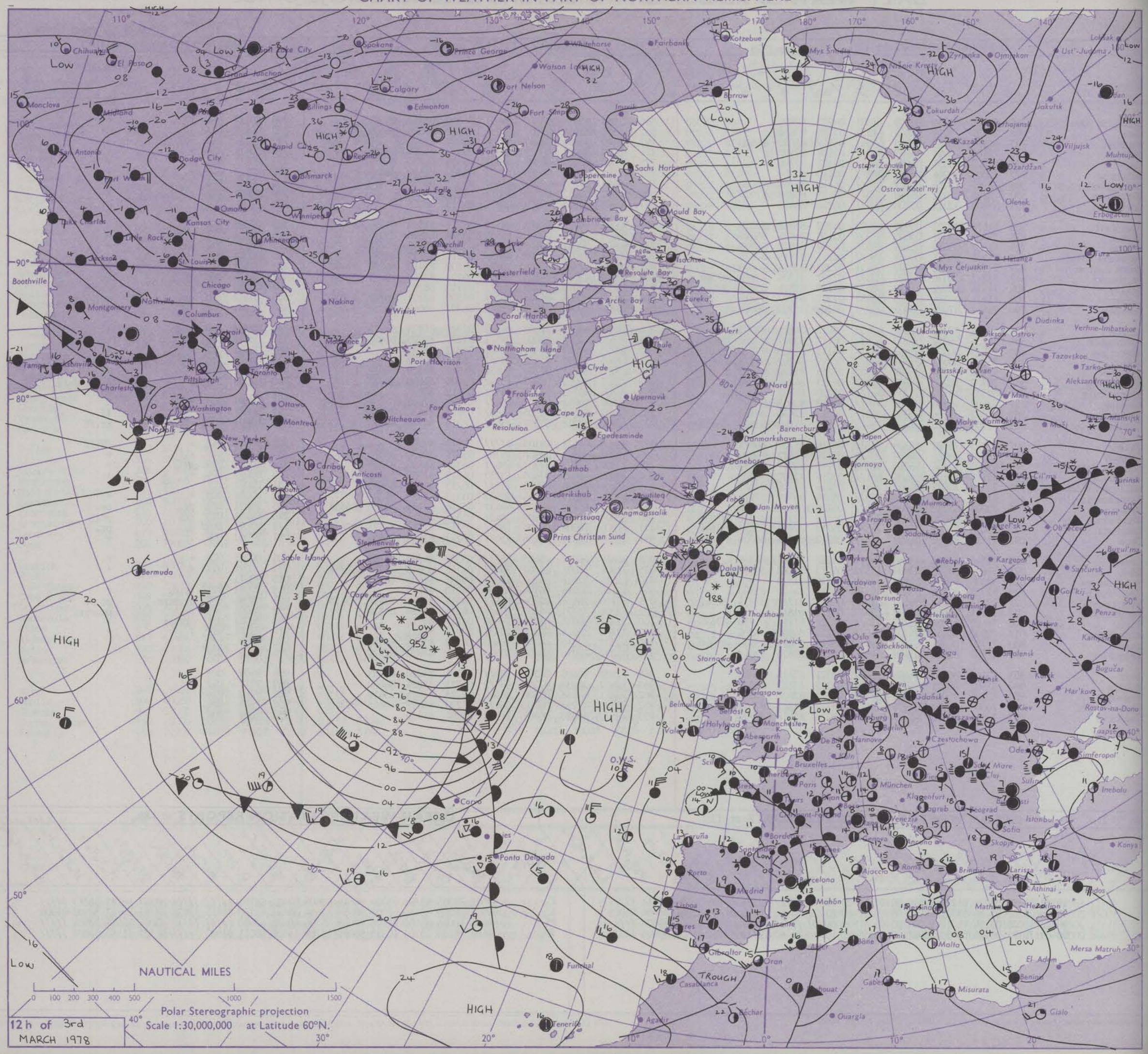
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 03121 | 81219 | 97616 | 94107 | 8742/ | 00729 | ///// | ///// | 00106 | 10716 | 31011 | ///// |
| L | 99568 | 70205 | 03124 | 53321 | 98018 | 09805 | 58400 | 81222 | 81818 | 84628 | 0//54 | 10942 | 30404 | 01006 |
| M | 99666 | 10026 | 03124 | 71318 | 97032 | 05706 | 20876 | 00207 | ///// | ///// | 00104 | 10604 | 30403 | ///// |
| R | 99469 | 70171 | 03124 | 53618 | 98021 | 10409 | 55600 | 00244 | 85640 | ///// | 0//02 | 11156 | 30906 | ///// |

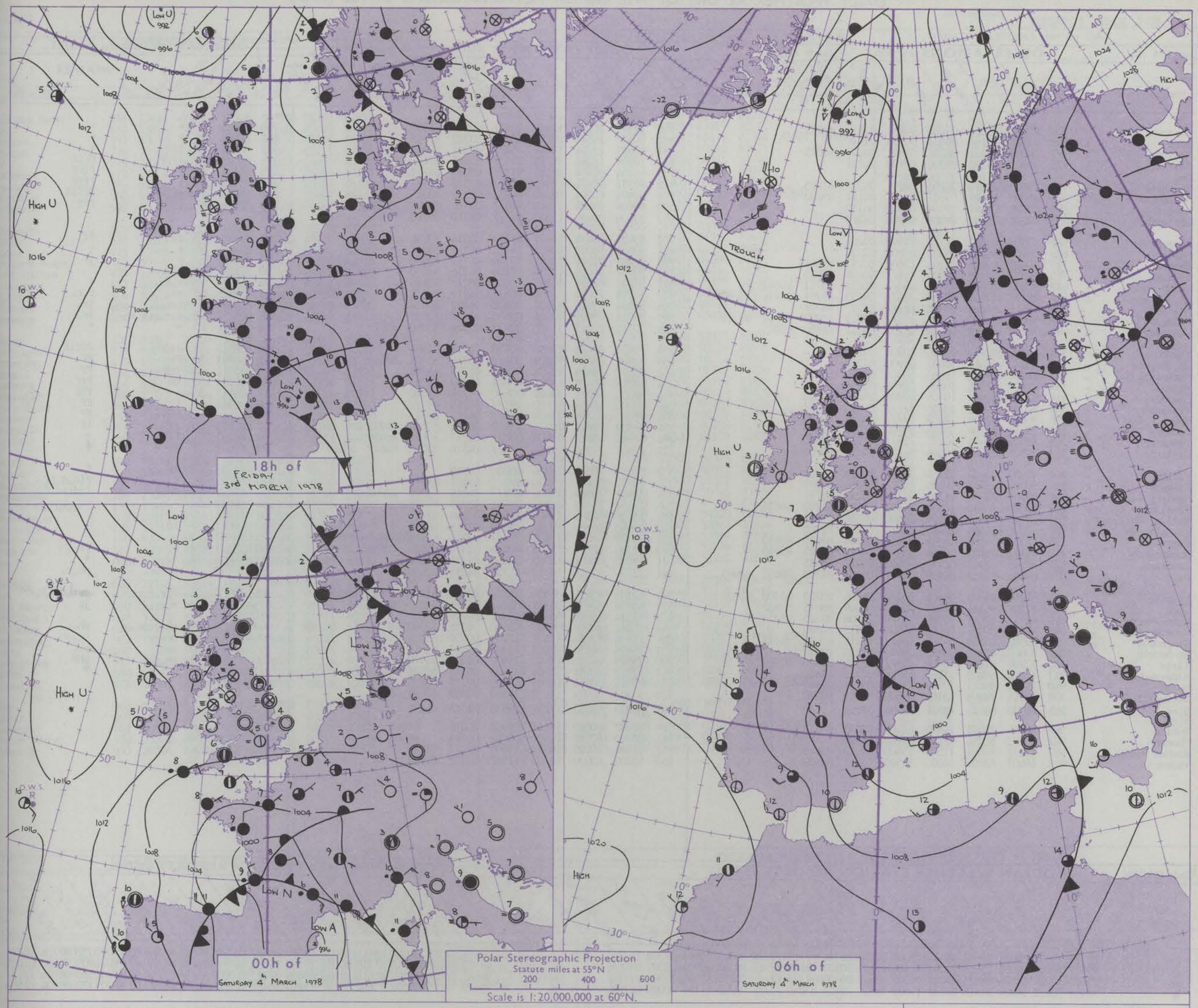
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 03181 | 81024 | 94616 | 82608 | 8742/ | 00751 | ///// | ///// | 00207 | 10722 | 31213 | ///// |
| L | 99571 | 70205 | 03184 | 53209 | 98038 | 12604 | 34431 | 81210 | 81815 | 83630 | 0//51 | 10937 | 30402 | 01006 |
| M | 99664 | 10024 | 03184 | 71624 | 97022 | 05706 | 40878 | 42400 | ///// | ///// | 00004 | 10624 | 30504 | ///// |
| R | 99468 | 70170 | 03184 | 10313 | 98021 | 13709 | 14500 | 00211 | 81630 | ///// | 0//02 | 11168 | 31007 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 4 MARCH 1978

During the past 24 hours a shallow depression in the southern North Sea moved away northeastwards and filled, whilst a small anticyclone formed to the west of Ireland and moved slowly east.

During the next 24 hours the anticyclone just west of Ireland is expected to move slowly northeast to western Scotland.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 4 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 12902 | 70021 | 09403 | 00901 | 02210 | 81075 | | |
| Hurn | 862 | 03103 | 50101 | 09501 | 00900 | 01214 | | | |
| Manston | 797 | 10000 | 14281 | 09202 | 00901 | 02207 | 81075 | | |
| Gatwick | 776 | 02301 | 24101 | 09200 | 00900 | 00211 | | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 13103 | 22101 | 09105 | 00901 | 04211 | 81075 | | |
| Honington | 586 | 90000 | 00474 | 09601 | 9//// | 01111 | 89/00 | | |
| Wattisham | 590 | 03606 | 06461 | 09504 | 00900 | 04110 | | | |
| Gorleston | 497 | 00000 | 16101 | 09904 | 00900 | 04209 | | | |
| Aberporth | 502 | 03302 | 05461 | 11103 | 00900 | 03221 | | | |
| Filton | 628 | 00000 | 60021 | 09903 | 00900 | 02215 | | | |
| Rhoose | 715 | 10402 | 64021 | 09504 | 15600 | 02217 | 81640 | | |
| Hartland Point | 703 | 80412 | 74606 | 09906 | 865// | 05220 | 88625 | | |
| Mount Batten | 827 | 80607 | 60616 | 08907 | 854// | 06221 | 83711 | 88640 | |
| St.Mawgan | 817 | 80107 | 57636 | 09707 | 7707/ | 06223 | 85701 | 84614 | 88460 |
| Scilly | 804 | 80416 | 56636 | 09008 | 862// | 07327 | 88704 | | |
| Culdrose | 809 | 80411 | 56636 | 08907 | 873// | 07222 | 82707 | 86709 | 88712 |
| Guernsey | 894 | 70610 | 80016 | 07407 | 65732 | 04312 | 86650 | 85075 | |
| Elmdon | 534 | 00000 | 28111 | 10350 | 00900 | 51213 | | | |
| Cardington | 559 | 03102 | 00464 | 09401 | 00900 | 01210 | | | |
| Wittering | 462 | 20000 | 06411 | 10003 | 00901 | 02212 | 32075 | | |
| Watnall | 354 | 23104 | 15101 | 10604 | 00901 | 03214 | 82075 | | |
| Shawbury | 414 | 63303 | 60041 | 10404 | 00904 | 04216 | 86072 | | |
| Finningley | 360 | 90000 | 00474 | 10000 | 9//// | 00213 | 89/// | | |
| Spurn Point | 396 | 90000 | 01454 | 10104 | 9//// | 04212 | 89/00 | | |
| Leeming | 257 | 53603 | 13104 | 10103 | 00902 | 03213 | 85070 | | |
| Tynemouth | 262 | 70000 | 04444 | 10205 | 755// | 05214 | 87620 | | |
| Carlisle | 222 | 92604 | 04434 | 10504 | 9//// | 04214 | 89/01 | | |
| Valley | 302 | 92403 | 04454 | 11404 | 9//// | 04215 | 89/01 | | |
| Ringway | 334 | 30000 | 40041 | 10405 | 00901 | 03214 | 83075 | | |
| Squires Gate | 318 | 93105 | 02434 | 11103 | 9//// | 03218 | 89/// | | |
| Ronaldsway | 204 | 60000 | 68012 | 10503 | 16402 | 02112 | 81710 | 86075 | |
| Mull of Galloway | 131 | 20000 | 74011 | 10205 | 25500 | 05214 | 82625 | | |
| Eskdalemuir | 162 | 82002 | 02464 | 10403 | 860// | 03211 | 88700 | | |
| Prestwick | 135 | 82103 | 58108 | 10005 | 855// | 05214 | 82625 | 88650 | |
| Abbotsinch | 140 | 62502 | 56101 | 09604 | 655// | 04115 | 82625 | 85640 | |
| Leuchars | 171 | 32508 | 62011 | 08905 | 35600 | 03212 | 83635 | | |
| Dyce | 091 | 80000 | 40212 | 08105 | 853// | 04108 | 81708 | 86635 | 88645 |
| Lerwick | 005 | 81911 | 40602 | 06605 | 852// | 04206 | 83703 | 85708 | 88630 |
| Wick | 075 | 72207 | 60811 | 07205 | 784// | 03209 | 86815 | 87630 | |
| Sule Skerry | 010 | 42313 | 82031 | 06706 | 15570 | 04208 | 81625 | 84358 | |
| Cape Wrath | 049 | 42314 | 80028 | 06405 | 45500 | 03212 | 84620 | | |
| Stornoway | 026 | 62507 | 65158 | 07503 | 684// | 02215 | 83816 | 86625 | |
| Benbecula | 022 | 33007 | 80258 | 08803 | 32400 | 02220 | 83818 | | |
| Tiree | 100 | 72708 | 87031 | 09404 | 785// | 03325 | 82820 | 87643 | |
| Aldergrove | 917 | 11802 | 80021 | 11101 | 15700 | 00218 | 81650 | | |
| Malin | 980 | 13111 | 89011 | 10906 | 15600 | 02221 | 81640 | | |
| Belmullet | 976 | 32911 | 78808 | 13105 | 33500 | 02221 | 82920 | | |
| Birr | 965 | 00000 | 66028 | 12901 | 00900 | 01219 | | | |
| Birr | | | | | | | | | |
| Dublin | 969 | 42906 | 70031 | 11604 | 45600 | 02220 | 84640 | | |
| Shannon | 962 | 03503 | 80010 | 13303 | 00900 | 02120 | | | |
| Roches Point | 952 | 13111 | 80021 | 12505 | 15600 | 02220 | 81645 | | |
| Valentia | 953 | 10403 | 83020 | 14005 | 11500 | 03221 | 81820 | | |

## OBSERVATIONS at 06h. 4 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 12905 | 30100 | 12601 | 10931 | 00218 | 81359 | | |
| Hurn | 862 | 20000 | 20100 | 12750 | 00901 | 50322 | 82075 | | |
| Manston | 797 | 83603 | 13104 | 11205 | 854// | 05312 | 88616 | | |
| Gatwick | 776 | 70000 | 18284 | 11751 | 755// | 51316 | 87620 | | |
| Kew | 775 | 93304 | 01474 | 12103 | 9//// | 03220 | 89/// | | |
| Heathrow | 772 | 93505 | 01471 | 12203 | 9//// | 03320 | 89/// | | |
| Honington | 586 | 83405 | 09464 | 12103 | 862// | 02216 | 88704 | | |
| Wattisham | 590 | 83606 | 08424 | 12103 | 860// | 03316 | 85700 | 88707 | |
| Gorleston | 497 | 93406 | 00434 | 12304 | 9//// | 04210 | 89/00 | | |
| Aberporth | 502 | 93406 | 06434 | 14403 | 9//// | 03216 | 89/00 | | |
| Filton | 628 | 10404 | 50050 | 13402 | 15700 | 01218 | 81650 | | |
| Rhoose | 715 | 21602 | 62011 | 13103 | 25700 | 02319 | 82656 | | |
| Hartland Point | 703 | 20507 | 85016 | 13305 | 25700 | 04216 | 82650 | | |
| Mount Batten | 827 | 30204 | 60016 | 12307 | 35600 | 05218 | 83645 | | |
| St.Mawgan | 817 | 60210 | 70036 | 13305 | 656// | 04217 | 86635 | | |
| Scilly | 804 | 30314 | 81026 | 13507 | 35470 | 06222 | 83618 | | |
| Culdrose | 809 | 30211 | 75016 | 12606 | 35600 | 03220 | 83635 | | |
| Guernsey | 894 | 50312 | 70012 | 11506 | 30932 | 05326 | 83360 | 85075 | |
| Elmdon | 534 | 12901 | 01484 | 13150 | 10930 | 50117 | 81362 | | |
| Cardington | 559 | 82902 | 06424 | 12203 | 852// | 03316 | 85704 | 88619 | |
| Wittering | 462 | 83102 | 01424 | 12802 | 860// | 02316 | 88700 | | |
| Watnall | 354 | 13105 | 06424 | 13701 | 00901 | 01219 | 81081 | | |
| Shawbury | 414 | 10000 | 40111 | 13402 | 15600 | 01216 | 81640 | | |
| Finningley | 360 | 90000 | 00454 | 12600 | 9//// | 00214 | 89/// | | |
| Spurn Point | 396 | 90000 | 01454 | 12304 | 9//// | 04213 | 89/// | | |
| Leeming | 257 | 71302 | 18041 | 12401 | 35602 | 00214 | 83632 | 86072 | |
| Tynemouth | 262 | 82605 | 66024 | 12605 | 2552/ | 04317 | 82620 | 88458 | |
| Carlisle | 222 | 82403 | 37104 | 13004 | 853// | 04314 | 83706 | 84615 | 88619 |
| Valley | 302 | 03408 | 70014 | 14804 | 00900 | 04219 | | | |
| Ringway | 334 | 93503 | 02454 | 13503 | 9//// | 03217 | 89/// | | |
| Squires Gate | 318 | 83407 | 20504 | 13904 | 871// | 04216 | 83702 | 88704 | |
| Ronaldsway | 204 | 23107 | 75011 | 14104 | 25401 | 03218 | 81711 | | |
| Mull of Galloway | 131 | 23216 | 80034 | 13904 | 28500 | 03214 | 81820 | | |
| Eskdalemuir | 162 | 30000 | 30104 | 13002 | 35300 | 02215 | 83709 | | |
| Prestwick | 135 | 73109 | 70021 | 13205 | 754// | 03216 | 81615 | 83635 | 86650 |
| Abbotsinch | 140 | 42306 | 80011 | 12403 | 45500 | 02314 | 81620 | 83640 | |
| Leuchars | 171 | 12408 | 62021 | 11303 | 15600 | 01214 | 81640 | | |
| Dyce | 091 | 22704 | 82018 | 10303 | 25730 | 01211 | 82650 | | |
| Lerwick | 005 | 82105 | 65616 | 06904 | 853// | 03302 | 81708 | 85617 | 88630 |
| Wick | 075 | 62609 | 81038 | 09702 | 684// | 01214 | 82818 | 86640 | |
| Sule Skerry | 010 | 82514 | 66016 | 08806 | 855// | 00210 | 85625 | | |
| Cape Wrath | 049 | 32312 | 80018 | 09204 | 33500 | 01215 | 83920 | | |
| Stornoway | 026 | 12906 | 82028 | 11301 | 12400 | 00220 | 81818 | | |
| Benbecula | 022 | 23408 | 80258 | 12803 | 28400 | 02217 | 81818 | | |
| Tiree | 100 | 23509 | 84018 | 13602 | 23400 | 01220 | 81918 | | |
| Aldergrove | 917 | 52202 | 80031 | 15201 | 55400 | 00218 | 82618 | 84628 | |
| Malin | 980 | 43415 | 80258 | 14905 | 48500 | 02219 | 83820 | 83640 | |
| Belmullet | 976 | 33303 | 78038 | 17103 | 33500 | 00322 | 83821 | 81921 | |
| Birr | 965 | 10000 | 66030 | 17152 | 15600 | 52317 | 81632 | | |
| Birr | | | | | | | | | |
| Dublin | 969 | 02807 | 80020 | 15401 | 00900 | 00215 | | | |
| Shannon | 962 | 00000 | 80110 | 17601 | 00900 | 00218 | | | |
| Roches Point | 952 | 13204 | 75020 | 16603 | 15600 | 01217 | 81643 | | |
| Valentia | 953 | 10000 | 83030 | 18103 | 11500 | 03321 | 81822 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00011 | 52 | + | + |
| Hurn | 862 | 00051 | 55 | + | + |
| Manston | 797 | 97011 | 53 | iff | + |
| Gatwick | 776 | 00521 | 54 | iffF | FFff |
| Kew | 775 | 00511 | 55 | + | ffFF |
| Heathrow | 772 | 00021 | 52 | + | iffF |
| Honington | 586 | 97501 | 52 | iffFF | FFffd$_o$ |
| Wattisham | 590 | 97001 | 52 | ifFF | FFf |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00021 | 52 | ff | ff |
| Filton | 628 | 00011 | 55 | + | + |
| Rhoose | 715 | 00031 | 53 | + | jf |
| Hartland Point | 703 | 01051 | 02 | | |
| Mount Batten | 827 | 94051 | 52 | r$_o$r$_o$ | + |
| St.Mawgan | 817 | 07051 | 02 | rr | r$_o$r$_o$ |
| Scilly | 804 | 10061 | 05 | rrr$_o$r$_o$ | ir$_o$ |
| Culdrose | 809 | 03052 | 02 | r$_o$r$_o$rrr$_o$r$_o$ | ir$_o$ |
| Guernsey | 894 | 00061 | 05 | + | + |
| Elmdon | 534 | 00511 | 56 | iffF | Fffif |
| Cardington | 559 | 00001 | 52 | FF | FF |
| Wittering | 462 | 97011 | 51 | ffF | FF |
| Watnall | 354 | 97501 | 53 | fF | Fff |
| Shawbury | 414 | 00511 | 55 | + | fFF |
| Finningley | 360 | 00501 | 51 | FF | FF |
| Spurn Point | 396 | | | FF | FF |
| Leeming | 257 | 00501 | 53 | ff | if |
| Tynemouth | 262 | 00031 | 01 | ff | + |
| Carlisle | 222 | 00031 | 01 | ff-f | f |
| Valley | 302 | 91031 | 50 | ff | f |
| Ringway | 334 | 97021 | 52 | f | ffd$_o$d$_o$ff |
| Squires Gate | 318 | 91021 | 52 | FFff | ffdifd$_o$ |
| Ronaldsway | 204 | 00011 | 52 | + | + |
| Mull of Galloway | 131 | 00031 | | | |
| Eskdalemuir | 162 | 00011 | 54 | ff | + |
| Prestwick | 135 | 91031 | 52 | pr$_o$ | + |
| Abbotsinch | 140 | 91011 | 53 | + | pr$_o$ |
| Leuchars | 171 | 00011 | 51 | + | + |
| Dyce | 091 | 97011 | 54 | ir$_o$pr$_o$ | ph$_o$r$_o$ |
| Lerwick | 005 | 05032 | 02 | d$_o$r$_o$d$_o$r$_o$ | d$_o$r$_o$d$_o$r$_o$rr |
| Wick | 075 | 03011 | 52 | prpr$_o$ | jp |
| Sule Skerry | 010 | 92031 | 02 | | |
| Cape Wrath | 049 | 95031 | 01 | ph$_o$r$_o$pr$_o$ | ph$_o$r$_o$ |
| Stornoway | 026 | 94501 | 52 | pr$_o$pr | pr$_o$ph$_o$ |
| Benbecula | 022 | 01001 | 55 | pr$_o$ | pr$_o$ |
| Tiree | 100 | 02015 | 51 | pr$_o$pRS | pHR |
| Aldergrove | 917 | 00513 | 55 | + | + |
| Malin | 980 | 9203 | 51 | | |
| Belmullet | 976 | 9701 | 53 | | |
| Birr | 965 | 9752 | 56 | | |
| Birr | 969 | 9700 | 52 | | |
| Dublin | 962 | 9751 | 57 | | |
| Shannon | 952 | 9702 | 52 | | |
| Roches Point | 953 | 9701 | 52 | | |
| Valentia | | | | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 04001 | 81018 | 95616 | 75008 | 8742/ | 00744 | ///// | ///// | 00307 | 10694 | 3//09 | 10/13 |
| L | 99572 | 70205 | 04004 | 23603 | 98011 | 14304 | 15601 | 00103 | 81630 | ///// | 0//53 | 10908 | 30201 | 01005 |
| M | 99663 | 10024 | 04004 | 81624 | 97022 | 06206 | 48407 | 00400 | ///// | ///// | 00104 | 10584 | 30504 | ///// |
| R | 99468 | 70172 | 04004 | 31316 | 98030 | 15309 | 35600 | 00803 | 83640 | ///// | 0//03 | 11166 | 30000 | 02108 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 04061 | 82112 | 97026 | 69508 | 864// | 00329 | 88716 | ///// | 00205 | 10720 | 3//06 | 10/13 |
| L | 99572 | 70205 | 04064 | 51313 | 98031 | 13105 | 55600 | 00711 | 85636 | ///// | 0//00 | 10933 | 30303 | 01005 |
| M | 99665 | 10024 | 04064 | 81618 | 97606 | 05606 | 5742/ | 00703 | ///// | ///// | 00105 | 10592 | 30504 | ///// |
| R | 99469 | 70173 | 04064 | 71624 | 97031 | 13310 | 784// | 00620 | 82816 | 86640 | 0//05 | 11150 | 30704 | 02108 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

No. 42472 Date of Issue SUNDAY 5 MARCH 1978

## OBSERVATIONS at 12h. 4 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 13611 | 65030 | 15209 | 11500 | 02210 | 81822 | | |
| Hurn | 862 | 13610 | 50050 | 15210 | 11500 | 05005 | 81822 | | |
| Manston | 797 | 83610 | 13284 | 14505 | 860// | 05216 | 88700 | | |
| Gatwick | 776 | 73507 | 28044 | 14507 | 763// | 05111 | 87708 | | |
| Kew | 775 | 70106 | 30054 | 14907 | 763// | 05209 | 87708 | | |
| Heathrow | 772 | 70108 | 32054 | 14807 | 763// | 06209 | 83706 | 85708 | |
| Honington | 586 | 92806 | 02435 | 14703 | 9//// | 03109 | 89/01 | | |
| Wattisham | 590 | 93208 | 03474 | 14505 | 9//// | 05009 | 89/// | | |
| Gorleston | 497 | 93002 | 00454 | 14705 | 9//// | 04207 | 89/00 | | |
| Aberporth | 502 | 33106 | 70024 | 18606 | 36300 | 05217 | 83708 | | |
| Filton | 628 | 10211 | 70030 | 16210 | 11500 | 03109 | 81820 | | |
| Rhoose | 715 | 12405 | 65021 | 15910 | 11500 | 04005 | 81820 | | |
| Hartland Point | 703 | 50316 | 66021 | 17706 | 56400 | 05214 | 85710 | | |
| Mount Batten | 827 | 13508 | 61030 | 16411 | 12500 | 06212 | 81823 | | |
| St.Mawgan | 817 | 40311 | 70021 | 17707 | 41300 | 05117 | 84808 | | |
| Scilly | 804 | 30413 | 65011 | 18009 | 22402 | 07220 | 82819 | | |
| Culdrose | 809 | 20309 | 80020 | 16910 | 11501 | 06212 | 81825 | | |
| Guernsey | 894 | 10113 | 60031 | 15609 | 11400 | 06221 | 81812 | | |
| Elmdon | 534 | 83311 | 50044 | 16705 | 863// | 03212 | 86706 | 88708 | |
| Cardington | 559 | 82804 | 05424 | 15304 | 861// | 04208 | 88702 | | |
| Wittering | 462 | 13209 | 25054 | 15007 | 16130 | 05110 | 81702 | | |
| Watnall | 354 | 23008 | 59054 | 15608 | 21501 | 04110 | 82820 | | |
| Shawbury | 414 | 63513 | 70014 | 17008 | 62400 | 03109 | 86818 | | |
| Finningley | 360 | 73210 | 58044 | 15406 | 764// | 03111 | 87713 | | |
| Spurn Point | 396 | 32908 | 30104 | 14806 | 36100 | 04211 | 83702 | | |
| Leeming | 257 | 53209 | 89021 | 15408 | 51600 | 02206 | 85830 | | |
| Tynemouth | 262 | 32910 | 80021 | 14708 | 22630 | 02108 | 82830 | | |
| Carlisle | 222 | 42907 | 80024 | 16108 | 42500 | 03213 | 84822 | | |
| Valley | 302 | 33415 | 80031 | 19907 | 32400 | 04318 | 83814 | | |
| Ringway | 334 | 53407 | 59015 | 16806 | 58400 | 03210 | 83818 | | |
| Squires Gate | 318 | 32909 | 65025 | 17606 | 38501 | 05216 | 82820 | | |
| Ronaldsway | 204 | 23211 | 84011 | 18407 | 28502 | 01220 | 81820 | | |
| Mull of Galloway | 131 | 33420 | 82020 | 18207 | 11501 | 02220 | 81820 | 83075 | |
| Eskdalemuir | 162 | 32912 | 85030 | 16205 | 32500 | 51316 | 83825 | | |
| Prestwick | 135 | 13214 | 86011 | 17607 | 18501 | 00219 | 81825 | | |
| Abbotsinch | 140 | 43010 | 86038 | 16907 | 48400 | 50221 | 81818 | 83826 | |
| Leuchars | 171 | 33013 | 89030 | 15207 | 38540 | 50220 | 83825 | | |
| Dyce | 091 | 33015 | 86018 | 13907 | 38600 | 00219 | 83830 | | |
| Lerwick | 005 | 32518 | 80016 | 09105 | 38430 | 03211 | 82814 | 83640 | |
| Wick | 075 | 42712 | 81268 | 13305 | 13470 | 03217 | 81915 | | |
| Sule Skerry | 010 | 53212 | 74038 | 12506 | 3257/ | 00216 | 83820 | | |
| Cape Wrath | 049 | 53223 | 80898 | 12203 | 53500 | 00211 | 85920 | | |
| Stornoway | 026 | 62918 | 62158 | 15605 | 694// | 01220 | 83912 | 84818 | |
| Benbecula | 022 | 12710 | 85028 | 17006 | 19400 | 03221 | 81916 | | |
| Tiree | 100 | 33310 | 84018 | 18106 | 23502 | 03226 | 81920 | | |
| Aldergrove | 917 | 53205 | 82251 | 19705 | 58400 | 01224 | 81818 | 85656 | |
| Malin | 980 | 43313 | 80158 | 19407 | 43500 | 02225 | 83820 | 81920 | |
| Belmullet | 976 | 31504 | 82030 | 19609 | 38502 | 04009 | 82822 | | |
| Birr | 965 | 33101 | 83030 | 20606 | 22502 | 03118 | 82820 | | |
| Dublin | 969 | 13207 | 82030 | 19608 | 11500 | 03222 | 81825 | | |
| Shannon | 962 | 30000 | 83034 | 20807 | 12501 | 03215 | 81822 | 83075 | |
| Roches Point | 952 | 33302 | 84030 | 19908 | 18401 | 03015 | 81818 | 83078 | |
| Valentia | 953 | 20304 | 84030 | 19709 | 18502 | 01004 | 81825 | | |

## OBSERVATIONS at 18h. 4 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 13605 | 66020 | 17906 | 00901 | 02116 | 81075 | | |
| Hurn | 862 | 20109 | 59030 | 18107 | 00901 | 03219 | 82075 | | |
| Manston | 797 | 70209 | 25102 | 16705 | 762// | 05118 | 82704 | 85707 | 87709 |
| Gatwick | 776 | 23310 | 58041 | 16808 | 25501 | 02218 | 82625 | | |
| Kew | 775 | 13106 | 57051 | 17207 | 11500 | 04315 | 81820 | | |
| Heathrow | 772 | 23206 | 58051 | 17207 | 00901 | 04216 | 82075 | | |
| Honington | 586 | 13205 | 32054 | 17104 | 16300 | 03113 | 81708 | | |
| Wattisham | 590 | 50109 | 30054 | 16605 | 58400 | 04115 | 83814 | 83622 | |
| Gorleston | 497 | 83410 | 12104 | 16605 | 862// | 04214 | 88703 | | |
| Aberporth | 502 | 13612 | 82020 | 19805 | 14502 | 03306 | 81620 | | |
| Filton | 628 | 10407 | 82020 | 18207 | 15601 | 01312 | 81640 | | |
| Rhoose | 715 | 13605 | 86010 | 17908 | 14608 | 01112 | 81635 | | |
| Hartland Point | 703 | 10110 | 80020 | 19006 | 00901 | 04004 | 81075 | | |
| Mount Batten | 827 | 10209 | 83011 | 18309 | 10931 | 04214 | 81360 | | |
| St.Mawgan | 817 | 10109 | 80020 | 19207 | 11401 | 05109 | 81810 | | |
| Scilly | 804 | 20511 | 65031 | 19207 | 00902 | 05108 | 82075 | | |
| Culdrose | 809 | 30210 | 75020 | 18907 | 11502 | 04111 | 81825 | | |
| Guernsey | 894 | 13608 | 50050 | 17207 | 00902 | 05216 | 81075 | | |
| Elmdon | 534 | 13409 | 70011 | 18306 | 14501 | 52311 | 81822 | | |
| Cardington | 559 | 13505 | 62014 | 17108 | 18501 | 02216 | 81825 | | |
| Wittering | 462 | 23307 | 65021 | 17206 | 24500 | 02214 | 81825 | | |
| Watnall | 354 | 13007 | 65021 | 18506 | 11640 | 01214 | 81830 | | |
| Shawbury | 414 | 13312 | 81021 | 19505 | 14501 | 51213 | 81825 | | |
| Finningley | 360 | 13407 | 70011 | 17507 | 12600 | 50315 | 81835 | | |
| Spurn Point | 396 | 50115 | 68021 | 17106 | 52500 | 03216 | 85825 | | |
| Leeming | 257 | 30402 | 89031 | 18306 | 38600 | 02319 | 81840 | 83650 | |
| Tynemouth | 262 | 23510 | 80020 | 18405 | 15640 | 02218 | 81630 | | |
| Carlisle | 222 | 23106 | 86010 | 18705 | 24500 | 01219 | 81828 | | |
| Valley | 302 | 13507 | 83020 | 21106 | 18501 | 02315 | 81820 | | |
| Ringway | 334 | 13105 | 70020 | 18906 | 11601 | 50312 | 81830 | | |
| Squires Gate | 318 | 13211 | 80010 | 19305 | 11500 | 03211 | 81825 | | |
| Ronaldsway | 204 | 13210 | 86020 | 20805 | 15601 | 50316 | 81635 | | |
| Mull of Galloway | 131 | 23510 | 83030 | 20705 | 15601 | 01220 | 81630 | | |
| Eskdalemuir | 162 | 10000 | 86020 | 19303 | 18600 | 54220 | 81830 | | |
| Prestwick | 135 | 33312 | 84030 | 20005 | 38501 | 52317 | 81824 | | |
| Abbotsinch | 140 | 23003 | 84020 | 19405 | 28601 | 52319 | 81830 | | |
| Leuchars | 171 | 23009 | 89010 | 18205 | 18642 | 53216 | 81830 | | |
| Dyce | 091 | 12504 | 82011 | 17303 | 18600 | 51218 | 81830 | | |
| Lerwick | 005 | 72915 | 50268 | 10902 | 784// | 02309 | 83818 | 87630 | |
| Wick | 075 | 22712 | 80158 | 16102 | 29460 | 51215 | 81915 | | |
| Sule Skerry | 010 | 53220 | 74158 | 15305 | 53500 | 52217 | 85920 | | |
| Cape Wrath | 049 | 62720 | 80028 | 16303 | 635// | 01218 | 86920 | | |
| Stornoway | 026 | 32606 | 82018 | 18502 | 39401 | 01216 | 81912 | | |
| Benbecula | 022 | 62907 | 75258 | 19505 | 5943/ | 02317 | 83915 | 85624 | |
| Tiree | 100 | 32909 | 83150 | 19905 | 19432 | 03215 | 81916 | 83075 | |
| Aldergrove | 917 | 30106 | 82021 | 21004 | 18501 | 50215 | 81825 | 83075 | |
| Malin | 980 | 32805 | 83030 | 20905 | 38501 | 01313 | 82822 | | |
| Belmullet | 976 | 50302 | 83031 | 20006 | 15652 | 00203 | 81638 | 85359 | |
| Birr | 965 | 10000 | 84031 | 20907 | 15602 | 50307 | 81635 | | |
| Dublin | 969 | 30802 | 82011 | 20706 | 25502 | 02311 | 82628 | | |
| Shannon | 962 | 31102 | 86031 | 20208 | 15602 | 02105 | 81640 | 83075 | |
| Roches Point | 952 | 51202 | 83031 | 20607 | 11504 | 03110 | 81820 | 85078 | |
| Valentia | 953 | 71508 | 83031 | 19607 | 14602 | 03500 | 81630 | 87070 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00111 | 094 | + | + |
| Hurn | 862 | 00121 | 090 | + | + |
| Manston | 797 | 00071 | 009 | ff | + |
| Gatwick | 776 | 00091 | 023 | f | + |
| Kew | 775 | 00101 | 041 | + | + |
| Heathrow | 772 | 00101 | 038 | + | + |
| Honington | 586 | 00071 | 008 | ff | + |
| Wattisham | 590 | 00061 | 010 | ff | + |
| Gorleston | 497 | | 000 | | |
| Aberporth | 502 | 00071 | 074 | + | + |
| Filton | 628 | 00111 | 094 | + | + |
| Rhoose | 715 | 00121 | 092 | + | + |
| Hartland Point | 703 | 00080 | 076 | | |
| Mount Batten | 827 | 00131 | 098 | + | + |
| St.Mawgan | 817 | 00091 | 096 | + | + |
| Scilly | 804 | 00101 | 092 | + | + |
| Culdrose | 809 | 00100 | 092 | + | + |
| Guernsey | 894 | 00101 | 088 | + | + |
| Elmdon | 534 | 00091 | 036 | + | + |
| Cardington | 559 | 00101 | 037 | ffF | + |
| Wittering | 462 | 00101 | 039 | FFf | + |
| Watnall | 354 | 00091 | 085 | + | + |
| Shawbury | 414 | 00091 | 059 | + | + |
| Finningley | 360 | 00101 | 061 | + | + |
| Spurn Point | 396 | | | ffFF | ff |
| Leeming | 257 | 00101 | 080 | + | + |
| Tynemouth | 262 | 00081 | 072 | + | + |
| Carlisle | 222 | 00091 | 085 | + | + |
| Valley | 302 | 00081 | 099 | + | + |
| Ringway | 334 | 97081 | 051 | $d_od_o$ | + |
| Squires Gate | 318 | 00071 | 082 | + | + |
| Ronaldsway | 204 | 00081 | 089 | + | + |
| Mull of Galloway | 131 | 00071 | | | |
| Eskdalemuir | 162 | 00071 | 093 | + | + |
| Prestwick | 135 | 00081 | 096 | + | + |
| Abbotsinch | 140 | 00091 | 099 | + | + |
| Leuchars | 171 | 00081 | 077 | + | + |
| Dyce | 091 | 97071 | 077 | $ph_or_o$ | jp |
| Lerwick | 005 | 02062 | 054 | + | $pr_or_os_o$ |
| Wick | 075 | 01065 | 066 | $prsph_or_o$ | $pr_ophph_o$ |
| Sule Skerry | 010 | 97061 | | | |
| Cape Wrath | 049 | 01050 | 035 | $pr_os_o$ | $ph_or_o$ |
| Stornoway | 026 | 92071 | 061 | $pr_o$ | $pr_o$ |
| Benbecula | 022 | 01071 | 070 | $pr_opr_oh_o$ | $pr_o$ |
| Tiree | 100 | 95071 | 074 | phr | jp |
| Aldergrove | 917 | 91081 | 084 | $pr_o$ | + |
| Malin | 980 | 9707 | 074 | | |
| Belmullet | 976 | 9710 | 078 | | |
| Birr | 965 | 9709 | 083 | | |
| Dublin | 969 | 9709 | 086 | | |
| Shannon | 962 | 0010 | 094 | | |
| Roches Point | 952 | 9709 | 090 | | |
| Valentia | 953 | 9711 | 085 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

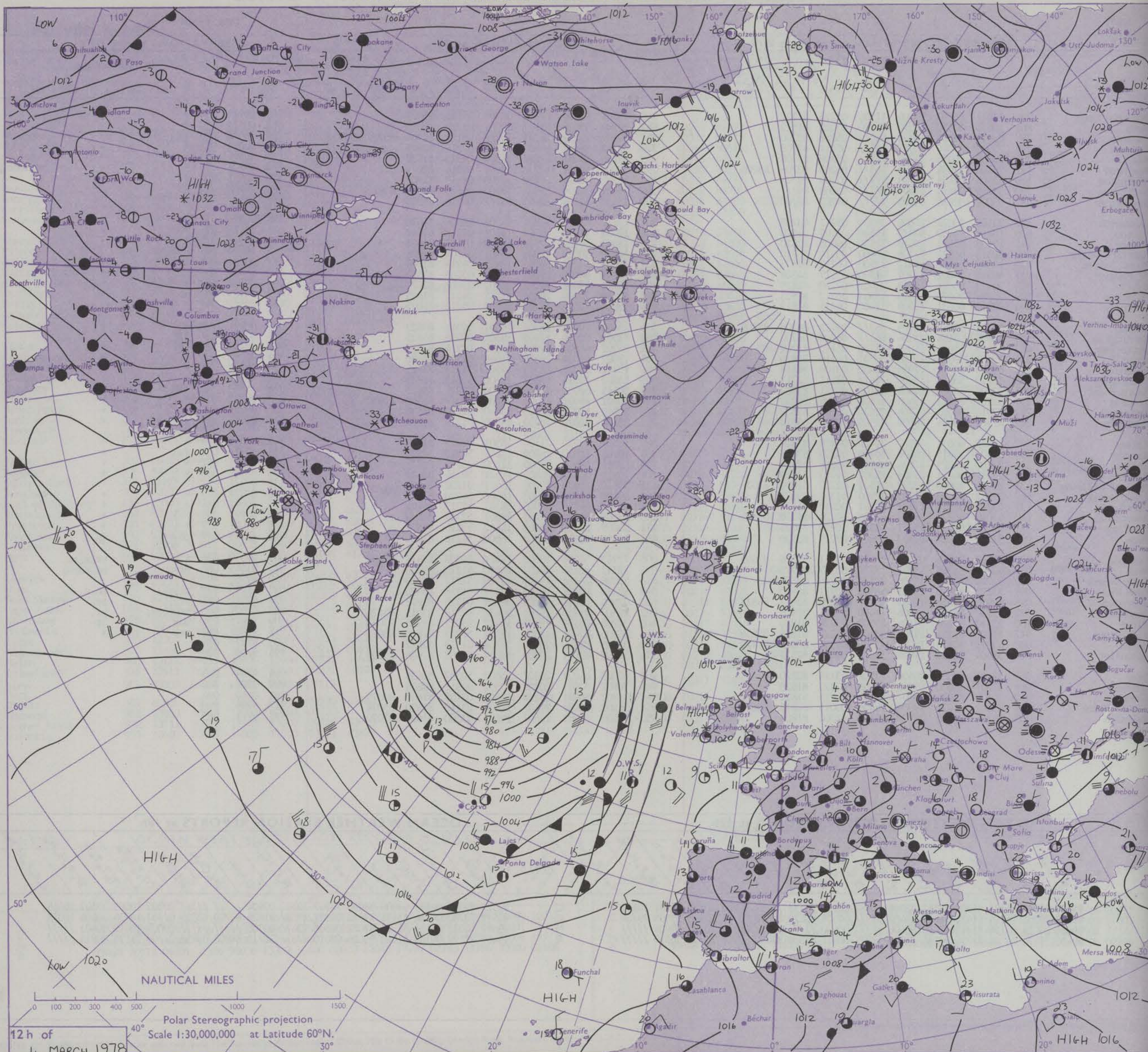
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 04121 | 81307 | 97152 | 73908 | 43452 | 00116 | ///// | ///// | 00205 | 10680 | 30201 | 10111 |
| L | 99573 | 70205 | 04124 | 81425 | 98012 | 11407 | 5852/ | 00508 | 81820 | 85630 | 0//01 | 10918 | 30505 | 99/04 |
| M | 99666 | 10024 | 04124 | 71818 | 97026 | 05606 | 56370 | 00400 | ///// | ///// | 00104 | 10614 | 30404 | ///// |
| R | 99470 | 70174 | 04124 | 71735 | 98216 | 11910 | 4737/ | 00811 | 84806 | 87460 | 0//08 | 11157 | 30710 | ///// |

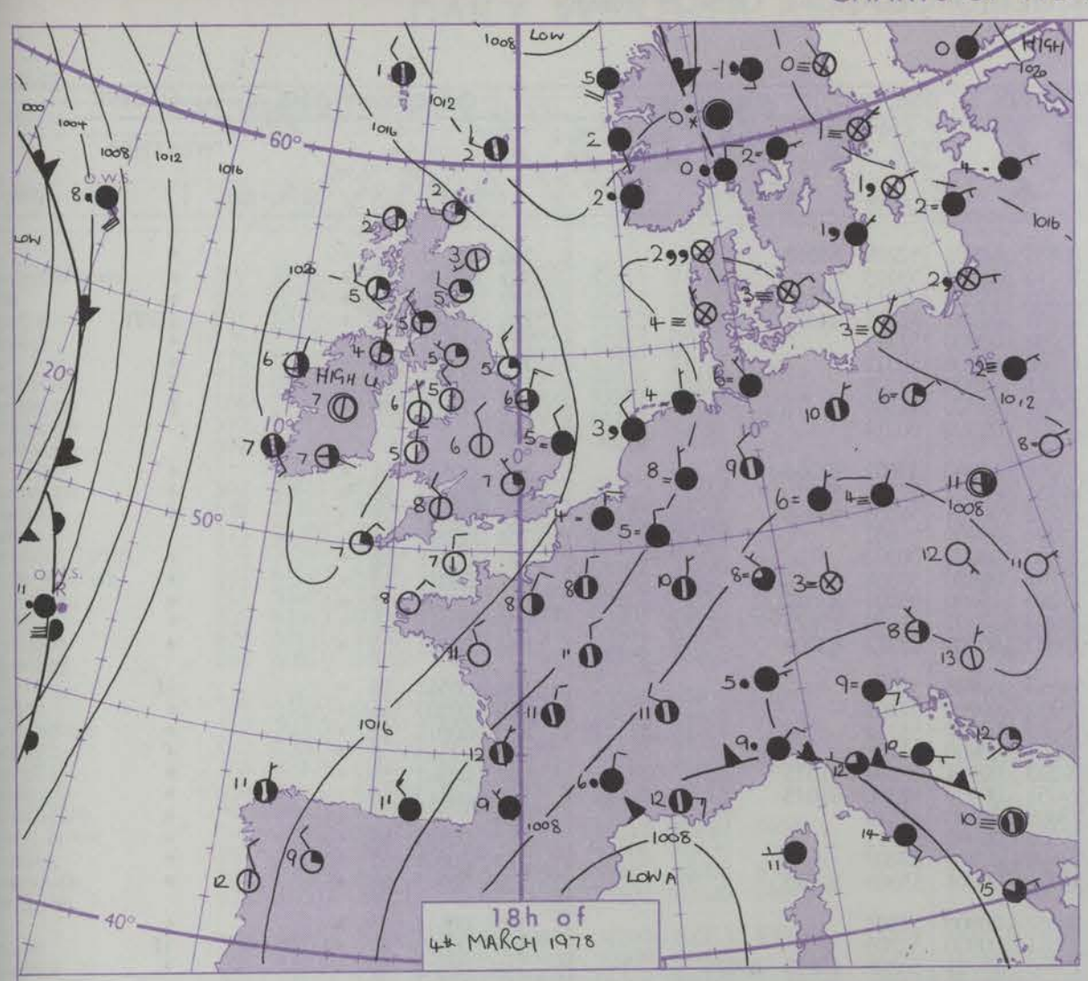
## OCEAN WEATHER STATION REPORTS at 18h.

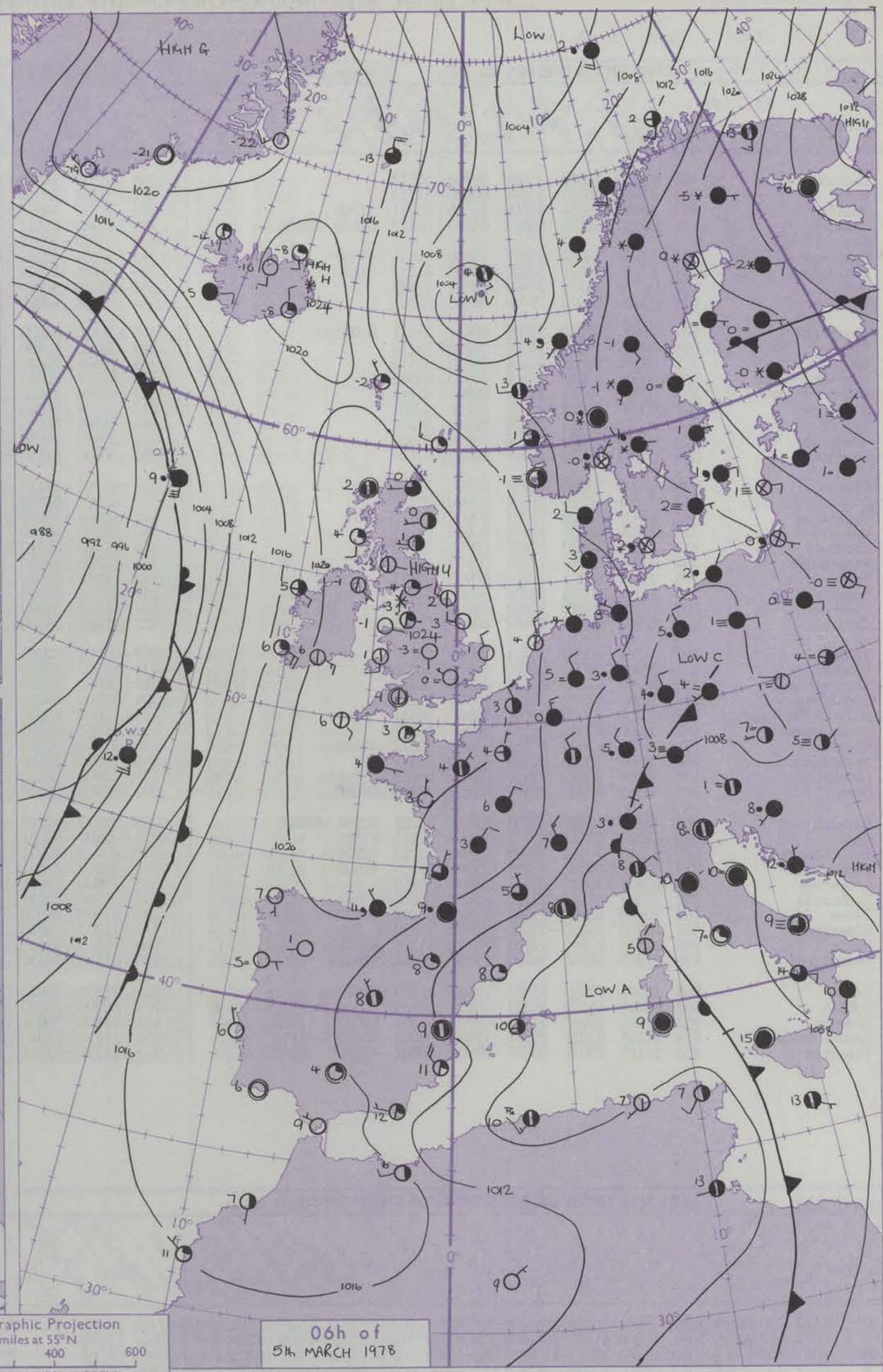
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 04181 | 61008 | 98038 | 73407 | 32552 | 00604 | ///// | ///// | 00105 | 10683 | 30303 | 16414 |
| L | 99572 | 70202 | 04184 | 81431 | 97616 | 06207 | 3732/ | 31825 | 83709 | 88525 | 0//07 | 10936 | 30606 | 16008 |
| M | 99667 | 10025 | 04184 | 81516 | 97022 | 04306 | 5247/ | 00706 | ///// | ///// | 00004 | 10612 | 30403 | ///// |
| R | 99469 | 70172 | 04184 | 81640 | 96616 | 08010 | 4737/ | 31710 | 84808 | 88458 | 0//09 | 11176 | 30814 | ///// |

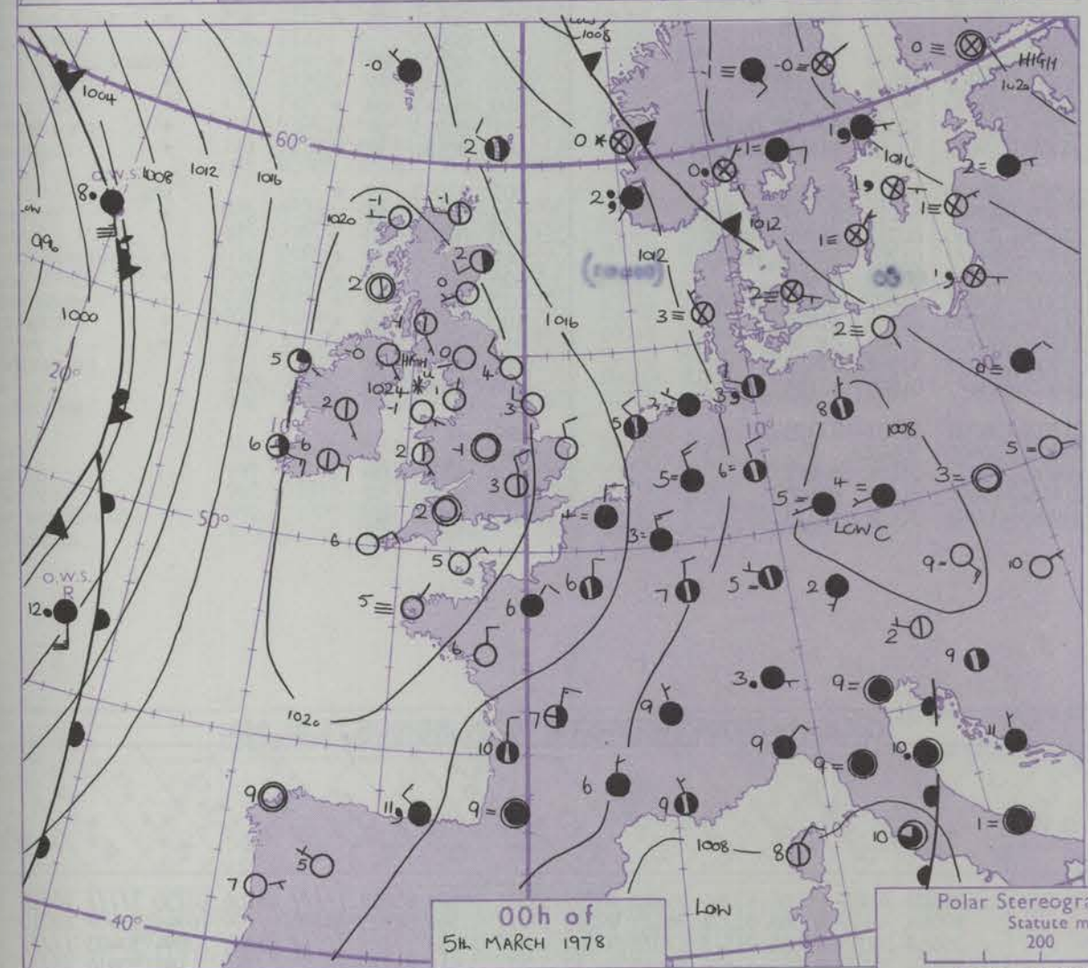
All times of observation printed in this publication are GREENWICH MEAN TIME.

## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday SUNDAY 5 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone moved slowly from west of Ireland to central Britain. A trough of low pressure crossed north Scotland and the Northern Isles.

During the ne xt 24 hours the anticyclone will move further eastwards, slowly, whilst an occlusion in the circulation of a deep Atlantic depression is expected to reach western Ireland later in the period.

## Code FM 11.V — OBSERVATIONS at 00h. 5 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 03510 | 70020 | 21801 | 00900 | 52113 | | | |
| Hurn | 862 | 03303 | 56050 | 21601 | 00900 | 51213 | | | |
| Manston | 797 | 13409 | 45101 | 19804 | 16300 | 03211 | 81708 | | |
| Gatwick | 776 | 60000 | 58041 | 20603 | 65500 | 01117 | 81620 | 86630 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 13508 | 58051 | 20703 | 15600 | 02114 | 81640 | | |
| Honington | 586 | 13207 | 59021 | 20601 | 15700 | 01213 | 81656 | | |
| Wattisham | 590 | 03310 | 25101 | 20401 | 00900 | 01215 | | | |
| Gorleston | 497 | 03510 | 66021 | 19703 | 00900 | 02209 | | | |
| Aberporth | 502 | 11404 | 81030 | 23002 | 00901 | 53111 | 81075 | | |
| Filton | 628 | 00405 | 75020 | 22302 | 00900 | 52110 | | | |
| Rhoose | 715 | 00204 | 80020 | 22401 | 00900 | 51313 | | | |
| Hartland Point | 703 | 00509 | 83020 | 22305 | 00900 | 03312 | | | |
| Mount Batten | 827 | 00803 | 70010 | 21904 | 00900 | 02212 | | | |
| St.Mawgan | 817 | 00606 | 80020 | 22204 | 00900 | 02208 | | | |
| Scilly | 804 | 00611 | 78010 | 22006 | 00900 | 04107 | | | |
| Culdrose | 809 | 00310 | 70020 | 21904 | 00900 | 03308 | | | |
| Guernsey | 894 | 00510 | 50050 | 20705 | 00900 | 03110 | | | |
| Elmdon | 534 | 00000 | 57040 | 22551 | 00900 | 53114 | | | |
| Cardington | 559 | 00104 | 60100 | 21601 | 00900 | 01223 | | | |
| Wittering | 462 | 03407 | 58020 | 21701 | 00900 | 50115 | | | |
| Watnall | 354 | 03204 | 50050 | 22402 | 00900 | 51115 | | | |
| Shawbury | 414 | 13305 | 68030 | 22950 | 00901 | 52213 | 81075 | | |
| Finningley | 360 | 02905 | 62010 | 21701 | 00900 | 50211 | | | |
| Spurn Point | 396 | 03012 | 68011 | 21003 | 00900 | 01212 | | | |
| Leeming | 257 | 02802 | 80020 | 22100 | 00900 | 52110 | | | |
| Tynemouth | 262 | 02708 | 69020 | 21803 | 00900 | 53210 | | | |
| Carlisle | 222 | 02502 | 75020 | 22400 | 00900 | 51215 | | | |
| Valley | 302 | 01305 | 80020 | 23451 | 00900 | 52110 | | | |
| Ringway | 334 | 02202 | 60020 | 22301 | 00900 | 50210 | | | |
| Squires Gate | 318 | 00202 | 62010 | 22801 | 00900 | 00213 | | | |
| Ronaldsway | 204 | 00503 | 84010 | 23100 | 00900 | 51106 | | | |
| Mull of Galloway | 131 | 00304 | 83020 | 23407 | 00900 | 06311 | | | |
| Eskdalemuir | 162 | 00000 | 82020 | 23353 | 00900 | 56312 | | | |
| Prestwick | 135 | 11504 | 62030 | 23151 | 15600 | 52212 | 81640 | | |
| Abbotsinch | 140 | 00000 | 70020 | 22751 | 00900 | 52314 | | | |
| Leuchars | 171 | 02507 | 86010 | 21600 | 00900 | 54213 | | | |
| Dyce | 091 | 42512 | 80030 | 20502 | 45700 | 52212 | 84650 | | |
| Lerwick | 005 | 73108 | 62028 | 15702 | 733// | 52221 | 82908 | 87625 | |
| Wick | 075 | 12709 | 70028 | 19151 | 12460 | 52211 | 81815 | | |
| Sule Skerry | 010 | 23212 | 74018 | 19005 | 23500 | 52219 | 82920 | | |
| Cape Wrath | 049 | 23218 | 84021 | 19204 | 23500 | 01216 | 82920 | | |
| Stornoway | 026 | 02606 | 80020 | 21051 | 00900 | 52113 | | | |
| Benbecula | 022 | 71502 | 82038 | 21202 | 756// | 02011 | 87647 | | |
| Tiree | 100 | 10000 | 86030 | 21702 | 15600 | 01209 | 81635 | | |
| Aldergrove | 917 | 01405 | 65020 | 23550 | 00900 | 53210 | | | |
| Malin | 980 | 11510 | 83020 | 22102 | 00902 | 51205 | 81075 | | |
| Belmullet | 976 | 21307 | 80031 | 20205 | 25600 | 00601 | 82638 | | |
| Birr | 965 | 11504 | 70010 | 22502 | 15600 | 51104 | 81630 | | |
| Dublin | 969 | 00000 | 66010 | 22803 | 00900 | 50104 | | | |
| Shannon | 962 | 11206 | 70010 | 21803 | 00902 | 01203 | 81075 | | |
| Roches Point | 952 | 11109 | 81021 | 22506 | 15601 | 02003 | 81640 | | |
| Valentia | 953 | 51113 | 83031 | 20706 | 00902 | 50802 | 85070 | | |

## OBSERVATIONS at 06h. 5 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 13003 | 59050 | 23851 | 00901 | 52209 | 81075 | | |
| Hurn | 862 | 03102 | 50100 | 23752 | 00900 | 53213 | | | |
| Manston | 797 | 13509 | 59021 | 22303 | 16300 | 02211 | 81708 | | |
| Gatwick | 776 | 10000 | 05411 | 23351 | 00901 | 51213 | 81075 | | |
| Kew | 775 | 00000 | 50110 | 23451 | 00900 | 51313 | | | |
| Heathrow | 772 | 03104 | 45100 | 23300 | 00900 | 50212 | | | |
| Honington | 586 | 03106 | 57024 | 22951 | 00900 | 52209 | | | |
| Wattisham | 590 | 03210 | 50104 | 22800 | 00900 | 51309 | | | |
| Gorleston | 497 | 03308 | 66020 | 22101 | 00900 | 00214 | | | |
| Aberporth | 502 | 11710 | 81030 | 23201 | 10940 | 53602 | 81362 | | |
| Filton | 628 | 20000 | 40100 | 24351 | 00901 | 52305 | 82075 | | |
| Rhoose | 715 | 10606 | 70030 | 23752 | 00901 | 54301 | 81075 | | |
| Hartland Point | 703 | 01218 | 82020 | 22003 | 00900 | 51607 | | | |
| Mount Batten | 827 | 00706 | 75020 | 23003 | 00900 | 00303 | | | |
| St.Mawgan | 817 | 01109 | 80020 | 22702 | 00900 | 52302 | | | |
| Scilly | 804 | 11309 | 80030 | 21506 | 15600 | 05504 | 81630 | | |
| Culdrose | 809 | 20910 | 70030 | 22403 | 11501 | 02500 | 81825 | | |
| Guernsey | 894 | 30606 | 56050 | 23003 | 36300 | 02312 | 83709 | | |
| Elmdon | 534 | 01702 | 25110 | 24553 | 00900 | 54308 | | | |
| Cardington | 559 | 02702 | 58100 | 23352 | 00900 | 52309 | | | |
| Wittering | 462 | 03106 | 57020 | 23701 | 00900 | 51312 | | | |
| Watnall | 354 | 03107 | 60020 | 24301 | 00900 | 51208 | | | |
| Shawbury | 414 | 10000 | 62110 | 24353 | 00901 | 53207 | 81075 | | |
| Finningley | 360 | 12805 | 57040 | 23751 | 00901 | 52309 | 81075 | | |
| Spurn Point | 396 | 02810 | 66020 | 23003 | 00900 | 01210 | | | |
| Leeming | 257 | 01502 | 82020 | 24052 | 00900 | 54311 | | | |
| Tynemouth | 262 | 02808 | 81020 | 23401 | 00900 | 53207 | | | |
| Carlisle | 222 | 20802 | 75030 | 23754 | 00901 | 55305 | 82075 | | |
| Valley | 302 | 01002 | 80020 | 24051 | 00900 | 52301 | | | |
| Ringway | 334 | 01202 | 40100 | 23851 | 00900 | 52205 | | | |
| Squires Gate | 318 | 30902 | 35100 | 23853 | 15701 | 53208 | 81650 | 83075 | |
| Ronaldsway | 204 | 13606 | 84030 | 24152 | 00908 | 53306 | 81275 | | |
| Mull of Galloway | 131 | 10000 | 83030 | 24101 | 00901 | 00205 | 81075 | | |
| Eskdalemuir | 162 | 10000 | 85030 | 24956 | 00902 | 57307 | 81072 | | |
| Prestwick | 135 | 11102 | 70030 | 24153 | 00901 | 53306 | 81075 | | |
| Abbotsinch | 140 | 10000 | 58100 | 24053 | 10930 | 54307 | 81362 | | |
| Leuchars | 171 | 42706 | 84030 | 23301 | 15730 | 52308 | 81650 | 84362 | |
| Dyce | 091 | 42606 | 86030 | 22300 | 15630 | 53208 | 81645 | 84362 | |
| Lerwick | 005 | 22913 | 68278 | 18901 | 28400 | 56213 | 81815 | | |
| Wick | 075 | 62607 | 80031 | 21700 | 6097/ | 51212 | 81359 | 86365 | |
| Sule Skerry | 010 | 63413 | 82031 | 21405 | 22550 | 00212 | 82820 | 86360 | |
| Cape Wrath | 049 | 83212 | 82031 | 21305 | 885// | 01209 | 82820 | 88625 | (00001) |
| Stornoway | 026 | 70000 | 80011 | 22002 | 6563/ | 00601 | 86648 | | |
| Benbecula | 022 | 71508 | 82031 | 21503 | 4563/ | 01805 | 84643 | 85362 | |
| Tiree | 100 | 21809 | 86010 | 21904 | 28530 | 02705 | 81825 | | |
| Aldergrove | 917 | 11207 | 65020 | 23651 | 00902 | 53801 | 81070 | | |
| Malin | 980 | 71413 | 83031 | 21902 | 70972 | 51705 | 87459 | | |
| Belmullet | 976 | 51310 | 78031 | 18605 | 554// | 01603 | 82718 | 85640 | |
| Birr | 965 | 21305 | 70020 | 21702 | 00902 | 50607 | 82070 | | |
| Dublin | 969 | 00000 | 70020 | 23101 | 00900 | 50601 | | | |
| Shannon | 962 | 71206 | 70031 | 20602 | 7097/ | 01606 | 87462 | | |
| Roches Point | 952 | 11114 | 82010 | 21406 | 15601 | 01604 | 81640 | | |
| Valentia | 953 | 21318 | 83011 | 18706 | 00902 | 01608 | 82070 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00511 | 57 + | | + |
| Hurn | 862 | 00531 | 58 + | | + |
| Manston | 797 | 00021 | 01 + | | + |
| Gatwick | 776 | 00543 | 58 + | | ifFFf |
| Kew | 775 | 00521 | 59 + | | + |
| Heathrow | 772 | 00501 | 55 + | | + |
| Honington | 586 | 00521 | 57 f | | f |
| Wattisham | 590 | 00503 | 52 + | | f |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00503 | 54 + | | + |
| Filton | 628 | 00523 | 58 + | | + |
| Rhoose | 715 | 00523 | 57 + | | + |
| Hartland Point | 703 | 00030 | 01 | | |
| Mount Batten | 827 | 00021 | 52 + | | + |
| St.Mawgan | 817 | 00011 | 53 + | | + |
| Scilly | 804 | 00041 | 01 + | | + |
| Culdrose | 809 | 00011 | 51 + | | + |
| Guernsey | 894 | 00031 | 50 + | | + |
| Elmdon | 534 | 00543 | 56 + | | jf |
| Cardington | 559 | 00533 | 56 + | | + |
| Wittering | 462 | 00011 | 52 + | | + |
| Watnall | 354 | 97513 | 58 + | | + |
| Shawbury | 414 | 00543 | 59 + | | + |
| Finningley | 360 | 00513 | 55 + | | + |
| Spurn Point | 396 | | + | | + |
| Leeming | 257 | 00533 | 58 + | | + |
| Tynemouth | 262 | 00001 | 52 + | | + |
| Carlisle | 222 | 00543 | 60 + | | + |
| Valley | 302 | 00511 | 55 + | | + |
| Ringway | 334 | 00523 | 57 + | | jf |
| Squires Gate | 318 | 00543 | 57 + | | + |
| Ronaldsway | 204 | 00521 | 56 + | | + |
| Mull of Galloway | 131 | 00003 | | | |
| Eskdalemuir | 162 | 00573 | 60 + | | + |
| Prestwick | 135 | 00533 | 57 + | | + |
| Abbotsinch | 140 | 00543 | 60 + | | + |
| Leuchars | 171 | 00513 | 54 + | | + |
| Dyce | 091 | 00501 | 54 + | | + |
| Lerwick | 005 | 97013 | 52 + | | ph₀ |
| Wick | 075 | 91515 | 53 ps₀ | | + |
| Sule Skerry | 010 | 00020 | 00 | | |
| Cape Wrath | 049 | 00030 | 01 + | | + |
| Stornoway | 026 | 00511 | 54 + | | + |
| Benbecula | 022 | 00011 | 53 + | | + |
| Tiree | 100 | 00001 | 56 + | | + |
| Aldergrove | 917 | 00521 | 57 + | | + |
| Malin | 980 | 9701 | 52 | | |
| Belmullet | 976 | 9704 | 00 | | |
| Birr | 965 | 97 | | | |
| Dublin | 969 | 9701 | 58 | | |
| Shannon | 962 | 9702 | 00 | | |
| Roches Point | 952 | 9705 | 51 | | |
| Valentia | 953 | 9705 | 01 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 05001 | 80708 | 97258 | 75307 | 845// | 00212 | ///// | ///// | 00106 | 10706 | 3//02 | 18/12 |
| L | 99570 | 70201 | 05004 | 81534 | 96616 | 01708 | 872// | 31830 | 85705 | 88708 | 0//08 | 10940 | 30607 | 17010 |
| M | 99668 | 10026 | 05004 | 82013 | 97022 | 03904 | 4747/ | 00203 | ///// | ///// | 05202 | 10597 | 30403 | ///// |
| R | 99468 | 70170 | 05004 | 81635 | 96616 | 07011 | 4747/ | 00707 | 84810 | 88458 | 0//11 | 11176 | 30916 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 05061 | 83204 | 95102 | 76707 | 5555/ | 00208 | 85622 | ///// | 05106 | 10730 | 3//// | 18/12 |
| L | 99568 | 70199 | 05064 | 81728 | 96616 | 99309 | 872// | 41502 | 86705 | 88708 | 0//09 | 10944 | 30607 | 18010 |
| M | 99669 | 10028 | 05064 | 71512 | 97026 | 02804 | 42470 | 00708 | ///// | ///// | 05301 | 10584 | 30403 | ///// |
| R | 99470 | 70173 | 05064 | 81626 | 96616 | 04112 | 4747/ | 00516 | 84710 | 88458 | 0//12 | 11181 | 30914 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42473

Date of Issue MONDAY 6 MARCH 1978

## OBSERVATIONS at 12h. 5 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 30905 | 80030 | 25907 | 00902 | 54211 | 83075 | | |
| Hurn | 862 | 30906 | 81020 | 25909 | 00901 | 54207 | 83075 | | |
| Manston | 797 | 33511 | 75031 | 25306 | 12401 | 02214 | 81815 | 83075 | |
| Gatwick | 776 | 70509 | 80024 | 25407 | 14602 | 54107 | 81640 | 87075 | |
| Kew | 775 | 10806 | 80030 | 25607 | 11601 | 53207 | 81835 | | |
| Heathrow | 772 | 30608 | 80010 | 25608 | 11501 | 01008 | 81827 | 83075 | |
| Honington | 586 | 73309 | 82031 | 25307 | 21502 | 52108 | 82825 | 87075 | |
| Wattisham | 590 | 53511 | 80031 | 25306 | 31502 | 01112 | 83822 | 83075 | |
| Gorleston | 497 | 53412 | 66021 | 25306 | 52500 | 00214 | 85825 | | |
| Aberporth | 502 | 31611 | 82011 | 25008 | 00902 | 01106 | 83075 | | |
| Filton | 628 | 21106 | 80020 | 26508 | 00902 | 01209 | 82075 | | |
| Rhoose | 715 | 21108 | 65011 | 25607 | 00902 | 52107 | 82075 | | |
| Hartland Point | 703 | 51510 | 64051 | 24809 | 00901 | 01211 | 85075 | | |
| Mount Batten | 827 | 61110 | 62051 | 25208 | 21501 | 05107 | 82820 | 85075 | |
| St.Mawgan | 817 | 31413 | 70011 | 24508 | 11402 | 03104 | 81818 | 83080 | |
| Scilly | 804 | 41513 | 60021 | 23810 | 48400 | 05307 | 82817 | 83621 | |
| Culdrose | 809 | 41111 | 70021 | 24409 | 31501 | 05104 | 83820 | | |
| Guernsey | 894 | 40911 | 68011 | 25607 | 31402 | 02212 | 83815 | | |
| Elmdon | 534 | 41102 | 65030 | 26107 | 11502 | 53206 | 81820 | 84070 | |
| Cardington | 559 | 50305 | 72031 | 25807 | 11501 | 52110 | 81825 | 85075 | |
| Wittering | 462 | 43007 | 78030 | 26107 | 11402 | 51111 | 81818 | 84075 | |
| Watnall | 354 | 32703 | 65020 | 26108 | 11302 | 51107 | 81806 | 83070 | |
| Shawbury | 414 | 51402 | 63041 | 26306 | 00902 | 02107 | 85073 | | |
| Finningley | 360 | 23403 | 65011 | 26007 | 11602 | 51207 | 81830 | | |
| Spurn Point | 396 | 43202 | 68030 | 25706 | 11501 | 01212 | 81820 | 84075 | |
| Leeming | 257 | 30802 | 89021 | 25706 | 00902 | 51004 | 83070 | | |
| Tynemouth | 262 | 53503 | 80021 | 25606 | 20931 | 51104 | 82358 | 85075 | |
| Carlisle | 222 | 40000 | 75031 | 25008 | 11532 | 01400 | 81820 | 84075 | |
| Valley | 302 | 51710 | 84031 | 25608 | 20932 | 51207 | 82363 | 83075 | |
| Ringway | 334 | 62305 | 68021 | 26006 | 00902 | 52105 | 86075 | | |
| Squires Gate | 318 | 61705 | 50041 | 25807 | 00902 | 04107 | 86075 | | |
| Ronaldsway | 204 | 71207 | 84021 | 25106 | 11532 | 03105 | 81825 | 86075 | |
| Mull of Galloway | 131 | 81610 | 80031 | 24505 | 60927 | 03003 | 86460 | 88270 | |
| Eskdalemuir | 162 | 41305 | 86031 | 25206 | 10941 | 54306 | 81365 | 84075 | |
| Prestwick | 135 | 72702 | 80031 | 25207 | 11536 | 52307 | 81825 | 87275 | |
| Abbotsinch | 140 | 63002 | 60041 | 25206 | 11532 | 00206 | 81822 | 85075 | |
| Leuchars | 171 | 72203 | 89011 | 24806 | 11552 | 51109 | 81825 | 86368 | |
| Dyce | 091 | 73305 | 86031 | 24206 | 18558 | 51112 | 81825 | 86362 | |
| Lerwick | 005 | 63314 | 80031 | 22002 | 684// | 54219 | 83815 | 85630 | |
| Wick | 075 | 73402 | 84022 | 24105 | 28572 | 01216 | 81820 | 86362 | |
| Sule Skerry | 010 | 80000 | 82022 | 24205 | 3857/ | 00215 | 81820 | 83625 | 88460 |
| Cape Wrath | 049 | 81405 | 81152 | 23605 | 5847/ | 02214 | 84815 | 88360 | |
| Stornoway | 026 | 82112 | 81022 | 23406 | 5542/ | 03012 | 83618 | 84645 | 88462 |
| Benbecula | 022 | 81610 | 82022 | 22706 | 1252/ | 03107 | 81820 | 88460 | |
| Tiree | 100 | 81715 | 88031 | 23206 | 18437 | 03210 | 81615 | 88277 | |
| Aldergrove | 917 | 71511 | 68021 | 24106 | 18532 | 01205 | 81825 | 84360 | 87070 |
| Malin | 980 | 71309 | 84022 | 22406 | 25732 | 00003 | 82656 | 86360 | 86075 |
| Belmullet | 976 | 81507 | 86022 | 18707 | 5547/ | 01703 | 81719 | 85640 | 87359 |
| Birr | 965 | 71614 | 80021 | 21808 | 58532 | 04802 | 81820 | 85636 | |
| Dublin | 969 | 71411 | 82021 | 23208 | 11572 | 02400 | 81820 | 85460 | 86070 |
| Shannon | 962 | 61515 | 83022 | 20609 | 28545 | 04708 | 81825 | 84275 | |
| Roches Point | 952 | 71309 | 80011 | 22008 | 68432 | 06102 | 83817 | 85636 | |
| Valentia | 953 | 71518 | 83021 | 18611 | 11548 | 06502 | 81825 | 85358 | 86270 |

## OBSERVATIONS at 18h. 5 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 41205 | 83011 | 26305 | 00902 | 53306 | 84072 | | |
| Hurn | 862 | 31704 | 81030 | 26505 | 10942 | 00207 | 81364 | | |
| Manston | 797 | 20405 | 75021 | 26604 | 14501 | 02310 | 81628 | | |
| Gatwick | 776 | 20503 | 80011 | 26307 | 15702 | 52307 | 81650 | | |
| Kew | 775 | 10204 | 70021 | 26406 | 00901 | 52308 | 81075 | | |
| Heathrow | 772 | 23604 | 68021 | 26307 | 14702 | 00208 | 81656 | | |
| Honington | 586 | 23506 | 83021 | 27004 | 00902 | 52314 | 82075 | | |
| Wattisham | 590 | 20206 | 82031 | 26704 | 14602 | 50213 | 81630 | | |
| Gorleston | 497 | 23408 | 66011 | 27405 | 00901 | 01216 | 82075 | | |
| Aberporth | 502 | 71907 | 75031 | 25305 | 10932 | 00310 | 81364 | 87075 | |
| Filton | 628 | 21007 | 81020 | 26307 | 00901 | 51304 | 82075 | | |
| Rhoose | 715 | 40602 | 70030 | 26406 | 00902 | 50305 | 84075 | | |
| Hartland Point | 703 | 60000 | 66052 | 25307 | 44674 | 04306 | 84640 | 85360 | 86075 |
| Mount Batten | 827 | 21208 | 80021 | 25607 | 11601 | 03305 | 81830 | | |
| St.Mawgan | 817 | 51410 | 60031 | 25307 | 48501 | 04209 | 83820 | | |
| Scilly | 804 | 61312 | 62031 | 23608 | 58472 | 04203 | 84816 | | |
| Culdrose | 809 | 41308 | 66051 | 25208 | 38560 | 04211 | 82822 | 83630 | |
| Guernsey | 894 | 50713 | 83021 | 25706 | 10932 | 01303 | 81363 | 84075 | |
| Elmdon | 534 | 31903 | 68031 | 26405 | 10931 | 53304 | 81364 | 83075 | |
| Cardington | 559 | 20503 | 75021 | 26505 | 00902 | 02207 | 82072 | | |
| Wittering | 462 | 20000 | 72010 | 26606 | 00902 | 51307 | 82075 | | |
| Watnall | 354 | 32002 | 50051 | 26705 | 11431 | 50206 | 81810 | 83072 | |
| Shawbury | 414 | 51805 | 68031 | 25807 | 00902 | 01303 | 85073 | | |
| Finningley | 360 | 31004 | 70031 | 26206 | 10934 | 00206 | 81362 | 83075 | |
| Spurn Point | 396 | 40806 | 70031 | 26804 | 20971 | 03307 | 82360 | 84075 | |
| Leeming | 257 | 71405 | 82031 | 25907 | 60932 | 50004 | 86362 | 84070 | |
| Tynemouth | 262 | 71609 | 80021 | 26205 | 50938 | 00103 | 85360 | 87275 | |
| Carlisle | 222 | 73403 | 83021 | 25106 | 15732 | 51500 | 81656 | 83362 | 86075 |
| Valley | 302 | 71909 | 81031 | 25107 | 10936 | 04500 | 81363 | 87272 | |
| Ringway | 334 | 41902 | 65031 | 25707 | 15732 | 51500 | 81650 | 83075 | |
| Squires Gate | 318 | 51305 | 65011 | 25305 | 10932 | 03500 | 81362 | 85075 | |
| Ronaldsway | 204 | 71308 | 72032 | 24605 | 60972 | 03802 | 83361 | 86465 | 87072 |
| Mull of Galloway | 131 | 72010 | 80022 | 24406 | 4561/ | 02302 | 84635 | 87460 | |
| Eskdalemuir | 162 | 72302 | 88021 | 25603 | 15638 | 53301 | 81645 | 86272 | |
| Prestwick | 135 | 70000 | 84022 | 24705 | 50972 | 02204 | 85362 | 86070 | |
| Abbotsinch | 140 | 71604 | 70022 | 24507 | 70952 | 52500 | 87362 | | |
| Leuchars | 171 | 72003 | 80022 | 25105 | 15772 | 50301 | 81650 | 85365 | 85368 |
| Dyce | 091 | 71403 | 58042 | 24805 | 45678 | 51001 | 81630 | 84656 | 86272 |
| Lerwick | 005 | 63405 | 81032 | 24300 | 684// | 54310 | 82815 | 86645 | |
| Wick | 075 | 71502 | 81022 | 24505 | 35638 | 02303 | 83640 | 85359 | 87270 |
| Sule Skerry | 010 | 70000 | 82216 | 24305 | 3257/ | 01000 | 83820 | 87360 | |
| Cape Wrath | 049 | 71410 | 81022 | 22805 | 2557/ | 01805 | 82620 | 87360 | |
| Stornoway | 026 | 71814 | 75012 | 22305 | 25572 | 01506 | 82620 | 84460 | 87070 |
| Benbecula | 022 | 81416 | 82022 | 21005 | 45577 | 03005 | 81620 | 84650 | 86362 |
| Tiree | 100 | 81621 | 89032 | 21206 | 8097/ | 01704 | 83359 | 88462 | |
| Aldergrove | 917 | 71509 | 70022 | 23105 | 2577/ | 02301 | 82650 | 83359 | 86462 |
| Malin | 980 | 71515 | 84022 | 20707 | 3577/ | 01503 | 83650 | 87462 | |
| Belmullet | 976 | 81410 | 82216 | 17108 | 7552/ | 04507 | 82720 | 86640 | 88459 |
| Birr | 965 | 71807 | 75032 | 21108 | 35672 | 04204 | 83634 | 85459 | 86070 |
| Dublin | 969 | 71407 | 65032 | 22707 | 1553/ | 03303 | 81625 | 87360 | |
| Shannon | 962 | 71612 | 80022 | 19709 | 65532 | 05801 | 86625 | 83360 | |
| Roches Point | 952 | 71315 | 50101 | 21408 | 46404 | 07502 | 84712 | 85070 | |
| Valentia | 953 | 81619 | 65022 | 18210 | 825// | 07500 | 88820 | | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00081 | 099 | + | + |
| Hurn | 862 | 00091 | 086 | + | + |
| Manston | 797 | 00081 | 096 | + | + |
| Gatwick | 776 | 00091 | 088 | + | + |
| Kew | 775 | 00091 | 095 | + | + |
| Heathrow | 772 | 00091 | 094 | + | + |
| Honington | 586 | 00081 | 087 | + | + |
| Wattisham | 590 | 00081 | 092 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00091 | 098 | + | + |
| Filton | 628 | 00091 | 094 | + | + |
| Rhoose | 715 | 00081 | 099 | + | + |
| Hartland Point | 703 | 00100 | 092 | | |
| Mount Batten | 827 | 00101 | 092 | + | + |
| St.Mawgan | 817 | 00101 | 087 | + | + |
| Scilly | 804 | 00111 | 089 | + | + |
| Culdrose | 809 | 00090 | 085 | + | + |
| Guernsey | 894 | 00081 | 084 | + | + |
| Elmdon | 534 | 00091 | 094 | + | + |
| Cardington | 559 | 00091 | 097 | + | + |
| Wittering | 462 | 00091 | 100 | + | + |
| Watnall | 354 | 00101 | 098 | + | + |
| Shawbury | 414 | 00091 | 079 | + | + |
| Finningley | 360 | 00091 | 096 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00091 | 087 | + | + |
| Tynemouth | 262 | 00061 | 081 | + | + |
| Carlisle | 222 | 00091 | 082 | + | + |
| Valley | 302 | 00091 | 077 | + | + |
| Ringway | 334 | 00091 | 095 | + | + |
| Squires Gate | 318 | 00091 | 074 | + | + |
| Ronaldsway | 204 | 00071 | 069 | + | + |
| Mull of Galloway | 131 | 00061 | | | |
| Eskdalemuir | 162 | 00081 | 072 | + | + |
| Prestwick | 135 | 00081 | 045 | + | + |
| Abbotsinch | 140 | 00071 | 048 | + | + |
| Leuchars | 171 | 00081 | 028 | + | + |
| Dyce | 091 | 00071 | 015 | + | + |
| Lerwick | 005 | 00033 | 041 | + | + |
| Wick | 075 | 00061 | 010 | + | + |
| Sule Skerry | 010 | 91061 | | | |
| Cape Wrath | 049 | 00061 | 006 | + | + |
| Stornoway | 026 | 00071 | 000 | + | + |
| Benbecula | 022 | 00061 | 000 | + | + |
| Tiree | 100 | 00071 | 003 | + | + |
| Aldergrove | 917 | 00091 | 011 | + | + |
| Malin | 980 | 0007 | 001 | | |
| Belmullet | 976 | 9709 | 000 | | |
| Birr | 965 | 9710 | 052 | | |
| Dublin | 969 | 9708 | 027 | | |
| Shannon | 962 | 9711 | 038 | | |
| Roches Point | 952 | 0010 | 061 | | |
| Valentia | 953 | 0013 | 008 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

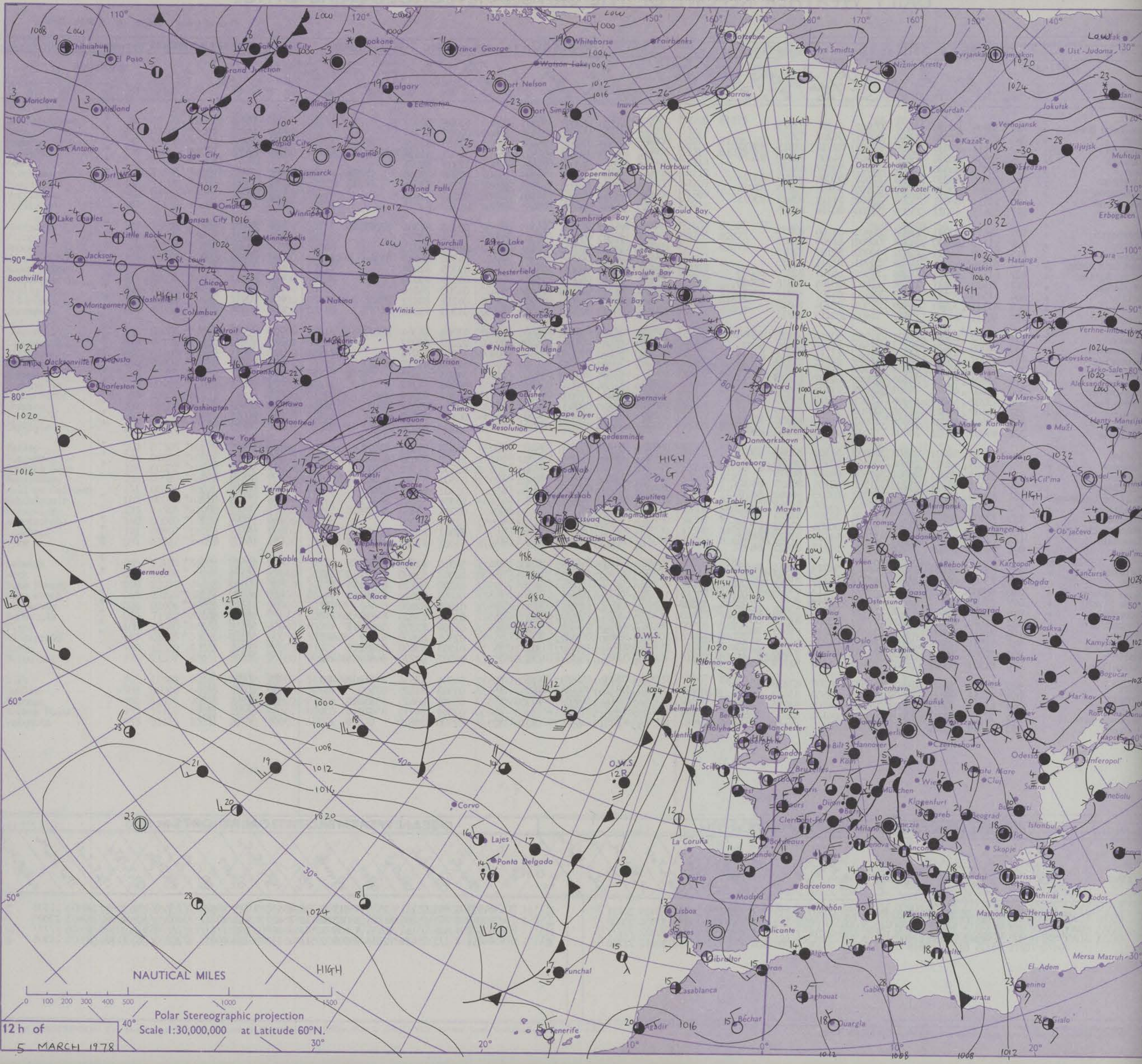
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGIw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 05121 | 72709 | 98038 | 81006 | 67450 | 00507 | 86715 | ///// | 05105 | 10706 | 30403 | 20411 |
| L | 99566 | 70198 | 05124 | 51621 | 98016 | 00010 | 56400 | 41000 | 85710 | ///// | 0//10 | 10970 | 30504 | 20008 |
| M | 99669 | 10028 | 05124 | 53216 | 97152 | 04704 | 49460 | 00214 | ///// | ///// | 05450 | 10591 | 30302 | ///// |
| R | 99470 | 70171 | 05124 | 81724 | 96616 | 05312 | 5737/ | 00206 | 85709 | 88458 | 0//12 | 11163 | 30912 | 22206 |

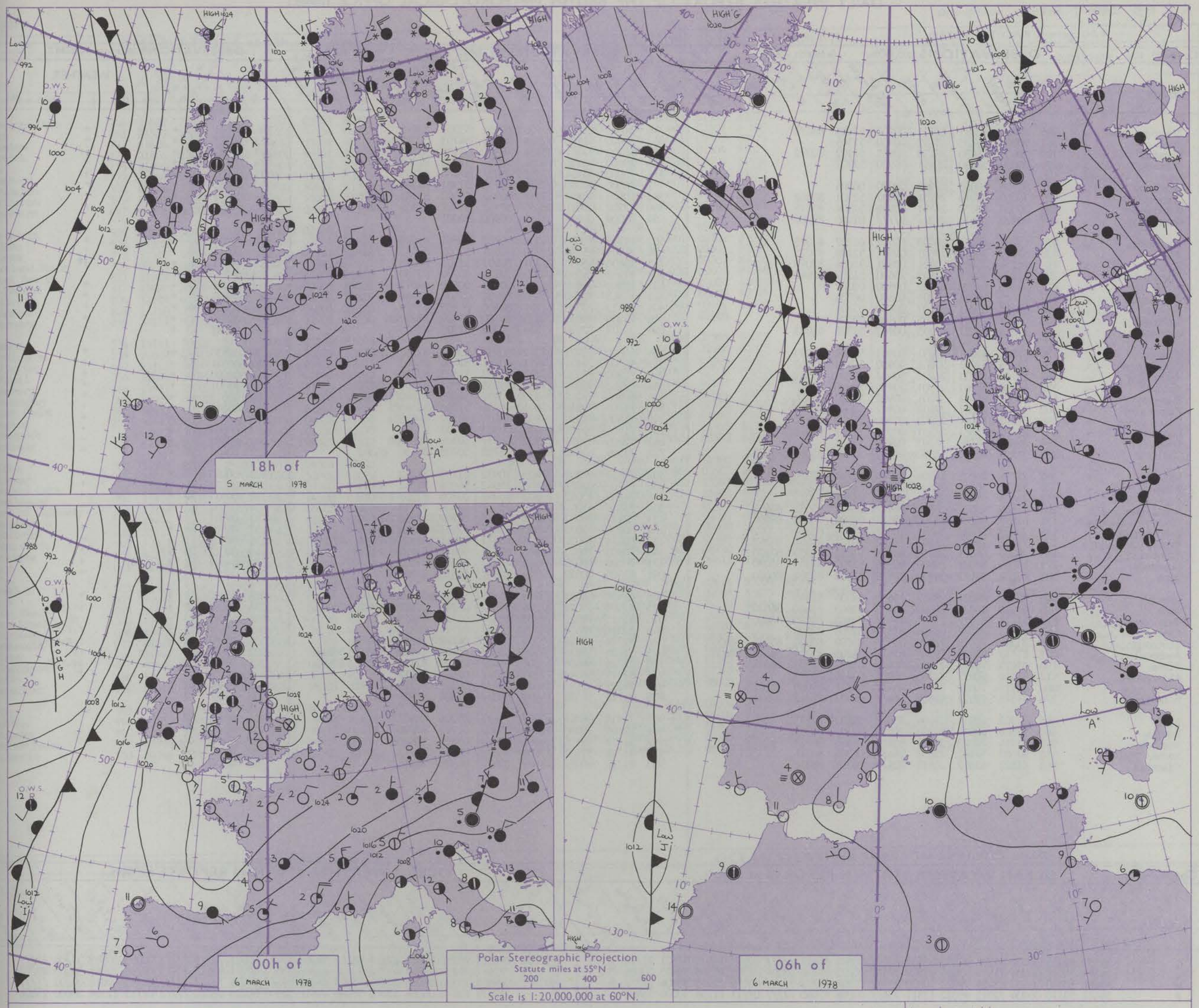
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGIw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 05181 | 62609 | 98015 | 84706 | 65500 | 00113 | 86624 | ///// | 05104 | 10696 | 30303 | 21309 |
| L | 99565 | 70199 | 05184 | 81715 | 98032 | 98410 | 36427 | 00814 | 83712 | 83462 | 0//09 | 10960 | 30403 | 20006 |
| M | 99668 | 10028 | 05184 | 83634 | 97838 | 12501 | 894// | 00249 | ///// | ///// | 05851 | 10575 | 30606 | ///// |
| R | 99469 | 70172 | 05184 | 72109 | 98026 | 09511 | 4573/ | 00228 | 84650 | 87358 | 0//10 | 11174 | 30000 | 16906 |

All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 6 MARCH 1978

An anticyclone drifted slowly southeast from the Irish Sea to southeastern Britain, dominating the weather over the British Isles throughout the past 24 hours. However, weak frontal troughs in increasing southerly flow affected some northwestern districts.

During the next 24 hours the anticyclone is expected to drift slowly southwards. It will continue to dominate the weather in southeastern Britain but frontal troughs in a southwesterly flow will affect the northwest.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V

| Station | OBSERVATIONS at 00h. 6 March 1978 | | | | | | | | | OBSERVATIONS at 06h. 6 March 1978 | | | | | | | | | OBSERVATIONS during NIGHT | | | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | iii | $RRT_nT_hE$ | $T_gT_g$ | | |
| Boscombe Down | 746 | 10000 | 80011 | 28001 | 00901 | 53206 | 81075 | | | 746 | 31005 | 65020 | 27750 | 00901 | 53301 | 83075 | | | 746 | 00511 | 56 + | + | |
| Hurn | 862 | 00000 | 45100 | 28152 | 00900 | 52105 | | | | 862 | 30000 | 40100 | 27854 | 00901 | 54703 | 83075 | | | 862 | 00543 | 58 + | + | |
| Manston | 797 | 20602 | 68030 | 28150 | 00902 | 51102 | 82072 | | | 797 | 50102 | 57101 | 28251 | 46301 | 52305 | 84706 | | | 797 | 97521 | 56 + | if | |
| Gatwick | 776 | 00000 | 58100 | 28451 | 00900 | 52207 | | | | 776 | 20000 | 50100 | 28254 | 10931 | 54203 | 81362 | | | 776 | 00543 | 58 + | + | |
| Kew | | | | | | | | | | 775 | 70000 | 05414 | 27751 | 7093/ | 52400 | 87365 | | | 775 | 00531 | 59 if | if | |
| Heathrow | 772 | 01105 | 59020 | 27902 | 00900 | 00204 | | | | 772 | 40000 | 50050 | 27850 | 40930 | 51301 | 84362 | | | 772 | 00511 | 56 + | + | |
| Honington | 586 | 30000 | 59010 | 28251 | 20932 | 52301 | 82362 | | | 586 | 60000 | 40101 | 27952 | 30932 | 53500 | 83365 | 83075 | | 586 | 91531 | 57 + | + | |
| Wattisham | 590 | 30000 | 70030 | 28451 | 00902 | 52204 | 83075 | | | 590 | 72702 | 60021 | 28250 | 10932 | 51302 | 81360 | 87075 | | 590 | 00511 | 57 + | + | |
| Gorleston | 497 | 92902 | 00474 | 28301 | 9//// | 01400 | 89/00 | | | 497 | 03008 | 04444 | 28151 | 00900 | 52001 | | | | 497 | | | | |
| Aberporth | 502 | 11807 | 65011 | 26403 | 00902 | 01207 | 81075 | | | 502 | 11718 | 82020 | 24202 | 00902 | 50804 | 81075 | | | 502 | 00011 | 00 + | + | |
| Filton | 628 | 31102 | 70030 | 27801 | 00901 | 52108 | 83075 | | | 628 | 31505 | 65030 | 27250 | 00901 | 52504 | 83075 | | | 628 | 00511 | 58 + | + | |
| Rhoose | 715 | 21204 | 70010 | 27401 | 00901 | 51006 | 82075 | | | 715 | 10806 | 50400 | 26751 | 00901 | 52506 | 81075 | | | 715 | 00511 | 56 + | if | |
| Hartland Point | 703 | 21306 | 74021 | 27103 | 25600 | 51207 | 82640 | | | 703 | 21518 | 74030 | 24603 | 20930 | 00730 | 82360 | | | 703 | 00010 | 01 | | |
| Mount Batten | 827 | 01005 | 65020 | 27302 | 00900 | 00207 | | | | 827 | 11306 | 65030 | 26201 | 00901 | 00609 | 81075 | | | 827 | 00001 | 55 + | + | |
| St.Mawgan | 817 | 01415 | 70021 | 26105 | 00900 | 00304 | | | | 817 | 11513 | 70030 | 25204 | 10931 | 01509 | 81360 | | | 817 | 00031 | 00 + | + | |
| Scilly | 804 | 01317 | 65011 | 24507 | 00900 | 03101 | | | | 804 | 31613 | 70030 | 24107 | 32400 | 05503 | 83819 | | | 804 | 00051 | 04 + | + | |
| Culdrose | 809 | 01211 | 75021 | 26105 | 00900 | 03304 | | | | 809 | 11209 | 75030 | 25005 | 15600 | 04607 | 81630 | | | 809 | 00030 | 50 + | + | |
| Guernsey | 894 | 11013 | 83021 | 27105 | 00902 | 51301 | 81075 | | | 894 | 31107 | 82030 | 27304 | 00902 | 51303 | 83075 | | | 894 | 00031 | 50 + | + | |
| Elmdon | 534 | 11701 | 65011 | 27651 | 00901 | 53802 | 81075 | | | 534 | 60000 | 63021 | 27552 | 20932 | 53603 | 82362 | 86075 | | 534 | 00533 | 57 + | + | |
| Cardington | 559 | 51803 | 62031 | 27901 | 50930 | 50103 | 85362 | | | 559 | 60000 | 25101 | 27651 | 6093/ | 51400 | 86363 | | | 559 | 00521 | 56 + | + | |
| Wittering | 462 | 51902 | 62031 | 28002 | 5093/ | 00004 | 85359 | | | 462 | 72302 | 59031 | 27701 | 70932 | 51803 | 87360 | | | 462 | 00003 | 54 + | + | |
| Watnall | 354 | 10000 | 30041 | 27901 | 10930 | 52000 | 81360 | | | 354 | 72102 | 50041 | 27001 | 10938 | 52807 | 81362 | 86270 | | 354 | 97001 | 54 + | + | |
| Shawbury | 414 | 60000 | 65031 | 27001 | 00902 | 51000 | 86070 | | | 414 | 60000 | 59042 | 26552 | 10932 | 54803 | 81362 | 86075 | | 414 | 00521 | 58 + | + | |
| Finningley | 360 | 31703 | 65011 | 27100 | 00902 | 51000 | 83075 | | | 360 | 71705 | 56041 | 26501 | 70931 | 51706 | 87360 | | | 360 | 00511 | 55 + | + | |
| Spurn Point | 396 | 01807 | 70020 | 27903 | 00900 | 01205 | | | | 396 | 41806 | 65030 | 26803 | 45600 | 50707 | 84630 | | | 396 | | + | + | |
| Leeming | 257 | 21002 | 75011 | 27101 | 00901 | 51001 | 82070 | | | 257 | 71706 | 50101 | 26001 | 00902 | 50707 | 87070 | | | 257 | 00001 | 52 + | + | |
| Tynemouth | 262 | 02006 | 56051 | 26703 | 00900 | 51801 | | | | 262 | 62005 | 61021 | 25502 | 6097/ | 50706 | 86358 | | | 262 | 00021 | 51 + | + | |
| Carlisle | 222 | 71203 | 65032 | 25302 | 50932 | 51709 | 85362 | 87075 | | 222 | 71506 | 65012 | 24204 | 15732 | 50708 | 81656 | 86362 | | 222 | 00021 | 54 + | + | |
| Valley | 302 | 71716 | 70022 | 25506 | 00908 | 02701 | 87270 | | | 302 | 21820 | 80031 | 24405 | 10932 | 01705 | 81362 | | | 302 | 00040 | 02 + | + | |
| Ringway | 334 | 31605 | 50040 | 26604 | 00902 | 51501 | 83075 | | | 334 | 61707 | 62021 | 26103 | 10942 | 54606 | 81362 | 86072 | | 334 | 00021 | 51 + | + | |
| Squires Gate | 318 | 71408 | 50041 | 26004 | 00902 | 01201 | 87075 | | | 318 | 71509 | 45042 | 25202 | 10942 | 00706 | 81362 | 87073 | | 318 | 00511 | 53 + | + | |
| Ronaldsway | 204 | 81609 | 63032 | 25006 | 8097/ | 03802 | 85362 | 88465 | | 204 | 71816 | 63042 | 23705 | 754// | 02606 | 82714 | 86618 | | 204 | 00051 | 02 + | + | |
| Mull of Galloway | 131 | 81815 | 80022 | 23906 | 45624 | 02804 | 84630 | 88460 | | 131 | 72127 | 70032 | 22006 | 785// | 04707 | 83820 | 84630 | | 131 | 00051 | | | |
| Eskdalemuir | 162 | 70000 | 84022 | 26351 | 20932 | 53803 | 82364 | 87072 | | 162 | 80000 | 72032 | 24500 | 854// | 52711 | 85714 | 88656 | | 162 | 00521 | 54 + | + | |
| Prestwick | 135 | 71408 | 75022 | 24403 | 15772 | 50705 | 81656 | 86362 | | 135 | 82114 | 70032 | 22006 | 15537 | 02811 | 81622 | 85360 | 88270 | 135 | 00031 | 51 + | + | |
| Abbotsinch | 140 | 70605 | 68021 | 24703 | 50938 | 51602 | 85360 | 87270 | | 140 | 70905 | 70012 | 22305 | 65532 | 00611 | 81624 | 86628 | | 140 | 00021 | 50 + | + | |
| Leuchars | 171 | 60000 | 80031 | 24800 | 40932 | 52702 | 84365 | 85030 | | 171 | 70000 | 70022 | 23202 | 7097/ | 51710 | 87362 | | | 171 | 00511 | 52 + | + | |
| Dyce | 091 | 61604 | 75021 | 24902 | 20932 | 52803 | 82362 | 86070 | | 091 | 81605 | 80032 | 22703 | 8095/ | 52810 | 88362 | | | 091 | 00011 | 53 + | + | |
| Lerwick | 005 | 13402 | 81021 | 25552 | 15600 | 54304 | 81645 | | | 005 | 61108 | 80021 | 23900 | 35502 | 54710 | 83625 | 86075 | | 005 | 00533 | 56 + | + | |
| Wick | 075 | 61510 | 80022 | 24204 | 15632 | 02803 | 81640 | 86070 | | 075 | 81609 | 75022 | 21204 | 5557/ | 00713 | 82628 | 85656 | 88460 | 075 | 92041 | 02 + | $ir_or_or_o$ | |
| Sule Skerry | 010 | 81418 | 81022 | 23705 | 4551/ | 02803 | 84625 | 88460 | | 010 | 61415 | 74022 | 19905 | 655// | 02718 | 86625 | | | 010 | 92042 | 03 | | |
| Cape Wrath | 049 | 81410 | 80032 | 21804 | 855// | 52708 | 88620 | | | 049 | 82310 | 70616 | 18405 | 854// | 03714 | 88615 | | | 049 | 05031 | 02 + | $r_or_orr$ | |
| Stornoway | 026 | 81308 | 75022 | 21006 | 5552/ | 01809 | 82620 | 85645 | 88459 | 026 | 81724 | 65616 | 16505 | 854// | 04728 | 85614 | 88620 | | 026 | 03051 | 03 $r_or_o$ | $r_or_orr_or_o$ | |
| Benbecula | 022 | 81619 | 65632 | 19505 | 6542/ | 04705 | 82710 | 86629 | 88458 | 022 | 81624 | 58636 | 14506 | 853// | 05727 | 84709 | 86712 | 88618 | 022 | 09051 | 03 $r_or_orr$ | rr | |
| Tiree | 100 | 81422 | 70216 | 20106 | 856// | 04706 | 81635 | 88647 | | 100 | 81726 | 58606 | 16606 | 6542/ | 05720 | 82712 | 86627 | 88458 | 100 | 03051 | 05 $r_oir_o$ | $ir_or_or$ | |
| Aldergrove | 917 | 81510 | 60022 | 22305 | 8092/ | 03806 | 88459 | | | 917 | 81910 | 50042 | 21205 | 854// | 02604 | 88616 | | | 917 | 00051 | 04 + | + | |
| Malin | 980 | 81719 | 70022 | 18607 | 4577/ | 04711 | 84656 | 88462 | | 980 | 71821 | 62102 | 16607 | 754// | 04512 | 81717 | 87630 | | 980 | 0006 | 05 | | |
| Belmullet | 976 | 81518 | 72022 | 15609 | 864// | 06503 | 86717 | 87637 | | 976 | 81722 | 56586 | 14908 | 863// | 07304 | 87709 | 88714 | | 976 | 9207 | 07 | | |
| Birr | 965 | 31709 | 62011 | 21406 | 35600 | 05203 | 83635 | | | 965 | 71814 | 66011 | 19907 | 756// | 05206 | 87631 | | | 965 | 9706 | 03 | | |
| Dublin | 969 | 21708 | 68011 | 23005 | 20930 | 03101 | 82360 | | | 969 | 22602 | 70030 | 21304 | 00902 | 01712 | 82070 | | | 969 | 0003 | 55 | | |
| Shannon | 962 | 81714 | 70022 | 20509 | 854// | 05316 | 88618 | | | 962 | 61718 | 62102 | 18608 | 655// | 05808 | 86620 | | | 962 | 0008 | 06 | | |
| Roches Point | 952 | 81507 | 57101 | 22808 | 864// | 06305 | 88714 | | | 952 | 81716 | 57102 | 21608 | 864// | 06603 | 88715 | | | 952 | 0007 | 06 | | |
| Valentia | 953 | 81621 | 65052 | 18810 | 824// | 06308 | 88818 | | | 953 | 81719 | 60052 | 18609 | 824// | 06305 | 88818 | | | 953 | 0008 | 07 | | |

Code FM 21.V

| O.W.S. | OCEAN WEATHER STATION REPORTS at 00h. | | | | | | | | | | | | | OCEAN WEATHER STATION REPORTS at 06h. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
| C | 99527 | 70355 | 06001 | 81707 | 97808 | 86107 | 834// | 00804 | 85917 | ///// | 00105 | 10736 | 3//01 | 21/10 | C | 99527 | 70355 | 06061 | 82517 | 96218 | 84306 | 8742/ | 00321 | ///// | ///// | 00005 | 10699 | 3//08 | ///// |
| L | 99566 | 70199 | 06004 | 81519 | 97616 | 94509 | 5742/ | 00825 | 85710 | 88540 | 0//09 | 10958 | 30405 | 20006 | L | 99567 | 70199 | 06064 | 42226 | 98036 | 96709 | 38401 | 00221 | 81815 | 83625 | 0//06 | 10968 | 30405 | 99/07 |
| M | 99666 | 10030 | 06004 | 83426 | 97028 | 20800 | 874// | 00238 | ///// | ///// | 06156 | 10593 | 30606 | ///// | M | 99665 | 10030 | 06064 | 80218 | 97028 | 23200 | 894// | 00211 | ///// | ///// | 06155 | 10616 | 30605 | ///// |
| R | 99471 | 70170 | 06004 | 72012 | 98032 | 13311 | 756// | 00008 | 87640 | ///// | 0//11 | 11156 | 30000 | 25408 | R | 99471 | 70170 | 06064 | 32010 | 98030 | 14611 | 38500 | 00213 | 82826 | ///// | 0//11 | 11166 | 30000 | 25206 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

No. 42474 Date of Issue TUESDAY 7 MARCH 1978

## OBSERVATIONS at 12h. 6 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 31607 | 72021 | 28506 | 31501 | 02002 | 83822 | | |
| Hurn | 862 | 21507 | 65021 | 29008 | 21501 | 01104 | 82827 | | |
| Manston | 797 | 61606 | 75024 | 29007 | 34431 | 02002 | 83818 | 84075 | |
| Gatwick | 776 | 31804 | 83021 | 28708 | 11602 | 56001 | 81835 | | |
| Kew | 775 | 11605 | 75024 | 28408 | 00901 | 51802 | 81075 | | |
| Heathrow | 772 | 32004 | 65021 | 28508 | 00901 | 01000 | 83075 | | |
| Honington | 586 | 61608 | 72021 | 28407 | 10932 | 54802 | 81363 | 86070 | |
| Wattisham | 590 | 61707 | 80022 | 28407 | 10932 | 51003 | 81360 | 86075 | |
| Gorleston | 497 | 61508 | 60024 | 28805 | 6095/ | 03603 | 86358 | | |
| Aberporth | 502 | 12021 | 78020 | 25207 | 11401 | 02209 | 81818 | | |
| Filton | 628 | 11908 | 70020 | 28109 | 11500 | 03801 | 81820 | | |
| Rhoose | 715 | 11310 | 66020 | 27308 | 11400 | 02802 | 81818 | | |
| Hartland Point | 703 | 01615 | 80020 | 25909 | 00900 | 02302 | | | |
| Mount Batten | 827 | 11612 | 86020 | 27909 | 11601 | 03108 | 81840 | | |
| St.Mawgan | 817 | 11620 | 82020 | 26608 | 11501 | 03005 | 81820 | | |
| Scilly | 804 | 31714 | 62011 | 25210 | 32400 | 05001 | 83818 | | |
| Culdrose | 809 | 11710 | 75010 | 26909 | 11500 | 04005 | 81820 | | |
| Guernsey | 894 | 31211 | 83011 | 28606 | 11602 | 51008 | 81830 | 83075 | |
| Elmdon | 534 | 12111 | 70021 | 27008 | 00902 | 01806 | 81075 | | |
| Cardington | 559 | 21807 | 65011 | 28009 | 00902 | 51604 | 82075 | | |
| Wittering | 462 | 22111 | 64011 | 27608 | 00902 | 01802 | 82075 | | |
| Watnall | 354 | 12011 | 58041 | 26709 | 10931 | 02807 | 81362 | | |
| Shawbury | 414 | 11911 | 70021 | 26109 | 00902 | 51804 | 81072 | | |
| Finningley | 360 | 52015 | 63022 | 25810 | 10932 | 50808 | 81365 | 85075 | |
| Spurn Point | 396 | 62010 | 62021 | 26907 | 42671 | 02801 | 84830 | 85460 | 86075 |
| Leeming | 257 | 51613 | 56042 | 24607 | 10932 | 01808 | 81368 | 85070 | |
| Tynemouth | 262 | 61812 | 30052 | 23707 | 00908 | 01710 | 86275 | | |
| Carlisle | 222 | 62313 | 80012 | 23907 | 15532 | 00802 | 81622 | 86075 | |
| Valley | 302 | 71922 | 81021 | 25409 | 754// | 04304 | 87618 | | |
| Ringway | 334 | 22013 | 65021 | 25708 | 00902 | 52802 | 82072 | | |
| Squires Gate | 318 | 12109 | 70021 | 25309 | 00902 | 01703 | 81075 | | |
| Ronaldsway | 204 | 71916 | 70032 | 23707 | 784// | 04500 | 83817 | 87622 | |
| Mull of Galloway | 131 | 72128 | 66028 | 22207 | 756// | 05005 | 87630 | | |
| Eskdalemuir | 162 | 71914 | 58052 | 23105 | 784// | 01805 | 81712 | 83820 | 87640 |
| Prestwick | 135 | 82115 | 70032 | 21507 | 7542/ | 03805 | 81614 | 83616 | 87618 |
| Abbotsinch | 140 | 72011 | 62022 | 20707 | 7847/ | 03810 | 81817 | 84620 | 86635 |
| Leuchars | 171 | 82215 | 66032 | 21007 | 6552/ | 02712 | 86622 | 88466 | |
| Dyce | 091 | 81918 | 70052 | 19606 | 4567/ | 01818 | 82640 | 83656 | 88359 |
| Lerwick | 005 | 81516 | 50682 | 20702 | 872// | 00718 | 88703 | | |
| Wick | 075 | 81614 | 70616 | 17405 | 5542/ | 02718 | 81710 | 83630 | 85640 |
| Sule Skerry | 010 | 81619 | 62616 | 16105 | 4742/ | 04717 | 84715 | 88460 | |
| Cape Wrath | 049 | 81612 | 66636 | 14406 | 4742/ | 04720 | 84712 | 88550 | |
| Stornoway | 026 | 82024 | 56616 | 14106 | 853// | 05606 | 84707 | 88615 | |
| Benbecula | 022 | 81820 | 15536 | 13807 | 860// | 07301 | 83701 | 86702 | 88707 |
| Tiree | 100 | 81922 | 32636 | 16206 | 862// | 06400 | 82704 | 86705 | 88708 |
| Aldergrove | 917 | 71916 | 58042 | 20508 | 755// | 04805 | 82620 | 87645 | |
| Malin | 980 | 82024 | 57616 | 17407 | 3647/ | 06106 | 83716 | 88458 | |
| Belmullet | 976 | 81818 | 57616 | 16608 | 863// | 08308 | 85707 | 88715 | |
| Birr | 965 | 61917 | 60102 | 21210 | 556/2 | 06304 | 85645 | 84070 | |
| Dublin | 969 | 32317 | 65020 | 21510 | 15402 | 04303 | 81618 | 83070 | |
| Shannon | 962 | 71711 | 62102 | 20710 | 6553/ | 06112 | 84625 | 83645 | |
| Roches Point | 952 | 81716 | 50102 | 22908 | 864// | 06014 | 85717 | 88626 | |
| Valentia | 953 | 81716 | 11586 | 20409 | 863// | 08108 | 88706 | | |

## OBSERVATIONS at 18h. 6 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 12006 | 81020 | 26905 | 00901 | 01502 | 81075 | | |
| Hurn | 862 | 11703 | 70030 | 27406 | 15601 | 02507 | 81630 | | |
| Manston | 797 | 21507 | 74031 | 26804 | 00901 | 02507 | 82075 | | |
| Gatwick | 776 | 12305 | 80020 | 27005 | 00902 | 01504 | 81075 | | |
| Kew | 775 | 12005 | 80030 | 26407 | 15700 | 00604 | 81656 | | |
| Heathrow | 772 | 12303 | 70020 | 26307 | 00901 | 01605 | 81075 | | |
| Honington | 586 | 51906 | 75021 | 25906 | 00901 | 50607 | 85070 | | |
| Wattisham | 590 | 11709 | 64021 | 26105 | 00901 | 01708 | 81075 | | |
| Gorleston | 497 | 31912 | 66011 | 26304 | 00902 | 02709 | 83075 | | |
| Aberporth | 502 | 41910 | 75011 | 25706 | 45501 | 03803 | 84625 | | |
| Filton | 628 | 12107 | 70010 | 26606 | 00901 | 02704 | 81078 | | |
| Rhoose | 715 | 11905 | 80020 | 26406 | 00901 | 02505 | 81075 | | |
| Hartland Point | 703 | 12710 | 74020 | 26607 | 10930 | 03302 | 81360 | | |
| Mount Batten | 827 | 11604 | 80030 | 27006 | 10930 | 02602 | 81360 | | |
| St.Mawgan | 817 | 11709 | 82020 | 26606 | 00901 | 02003 | 81070 | | |
| Scilly | 804 | 21709 | 62011 | 25708 | 22400 | 05000 | 82818 | | |
| Culdrose | 809 | 11905 | 75020 | 26607 | 11500 | 03101 | 81820 | | |
| Guernsey | 894 | 00308 | 82010 | 27005 | 00900 | 01400 | | | |
| Elmdon | 534 | 12106 | 60040 | 25607 | 00901 | 02505 | 81075 | | |
| Cardington | 559 | 12309 | 62020 | 25707 | 00901 | 02606 | 81075 | | |
| Wittering | 462 | 22306 | 68030 | 25406 | 00901 | 02606 | 82075 | | |
| Watnall | 354 | 12210 | 56040 | 24807 | 00901 | 02708 | 81075 | | |
| Shawbury | 414 | 32511 | 78030 | 24907 | 11502 | 02502 | 81825 | 83075 | |
| Finningley | 360 | 31806 | 59041 | 23807 | 00902 | 02604 | 83075 | | |
| Spurn Point | 396 | 32108 | 60021 | 24108 | 10971 | 02709 | 81360 | 83075 | |
| Leeming | 257 | 72807 | 68031 | 23406 | 15502 | 01302 | 81625 | 87075 | |
| Tynemouth | 262 | 62508 | 61022 | 22507 | 20938 | 01305 | 82358 | 86275 | |
| Carlisle | 222 | 72313 | 68022 | 22007 | 755// | 03503 | 83620 | 87625 | |
| Valley | 302 | 81920 | 75032 | 24707 | 854// | 04302 | 83617 | 88620 | |
| Ringway | 334 | 42010 | 62030 | 23808 | 00904 | 03507 | 84072 | | |
| Squires Gate | 318 | 72408 | 65031 | 24305 | 15631 | 03501 | 81635 | 87075 | |
| Ronaldsway | 204 | 82117 | 59012 | 22307 | 4547/ | 05801 | 81714 | 84628 | 88460 |
| Mull of Galloway | 131 | 82126 | 58038 | 20407 | 4642/ | 05705 | 84710 | 88460 | |
| Eskdalemuir | 162 | 82012 | 58502 | 21904 | 873// | 03301 | 88706 | | |
| Prestwick | 135 | 82110 | 45636 | 20206 | 854// | 05400 | 81710 | 85618 | 88630 |
| Abbotsinch | 140 | 82206 | 50636 | 19607 | 5532/ | 05705 | 81708 | 83712 | 88556 |
| Leuchars | 171 | 82512 | 48586 | 19006 | 3542/ | 05710 | 83615 | 88459 | |
| Dyce | 091 | 81803 | 56616 | 16806 | 3557/ | 04612 | 81625 | 83645 | 88458 |
| Lerwick | 005 | 81618 | 58617 | 15504 | 872// | 03624 | 85704 | 88708 | |
| Wick | 075 | 82012 | 80026 | 15306 | 7567/ | 04608 | 83635 | 87656 | 88359 |
| Sule Skerry | 010 | 82320 | 58206 | 13007 | 864// | 06710 | 88715 | | |
| Cape Wrath | 049 | 82320 | 66606 | 11807 | 5742/ | 05707 | 85712 | 88550 | |
| Stornoway | 026 | 82015 | 56506 | 13407 | 853// | 07002 | 82706 | 85709 | 88617 |
| Benbecula | 022 | 72012 | 40205 | 14008 | 752// | 08305 | 83704 | 87616 | |
| Tiree | 100 | 82216 | 30516 | 16208 | 862// | 08303 | 84703 | 88706 | |
| Aldergrove | 917 | 72009 | 30616 | 20308 | 754// | 07102 | 81713 | 83620 | 87635 |
| Malin | 980 | 71916 | 65606 | 17608 | 6547/ | 07205 | 82716 | 86640 | 86458 |
| Belmullet | 976 | 81911 | 40586 | 16608 | 863// | 08802 | 84706 | 86713 | 87636 |
| Birr | 965 | 81706 | 58606 | 20908 | 864// | 07501 | 85712 | 87634 | |
| Dublin | 969 | 72112 | 62051 | 21309 | 25532 | 04002 | 82625 | 84359 | 87070 |
| Shannon | 962 | 81711 | 62216 | 20009 | 6547/ | 07805 | 82715 | 85632 | 88358 |
| Roches Point | 952 | 81613 | 59102 | 22408 | 7647/ | 07805 | 86717 | 83629 | 88459 |
| Valentia | 953 | 81714 | 40216 | 19909 | 862// | 08802 | 88705 | | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00091 | 100 | + | + |
| Hurn | 862 | 00081 | 086 | + | + |
| Manston | 797 | 00070 | 087 | + | + |
| Gatwick | 776 | 00091 | 098 | + | + |
| Kew | 775 | 00101 | 098 | + | + |
| Heathrow | 772 | 00101 | 098 | + | + |
| Honington | 586 | 00091 | 086 | + | + |
| Wattisham | 590 | 00091 | 091 | + | + |
| Gorleston | 497 | | 055 | | |
| Aberporth | 502 | 00091 | 088 | + | + |
| Filton | 628 | 00090 | 097 | + | + |
| Rhoose | 715 | 00091 | 095 | + | + |
| Hartland Point | 703 | 00100 | 102 | | |
| Mount Batten | 827 | 00091 | 104 | + | + |
| St.Mawgan | 817 | 00091 | 097 | + | + |
| Scilly | 804 | 00111 | 096 | + | + |
| Culdrose | 809 | 00090 | 101 | + | + |
| Guernsey | 894 | 00081 | 101 | + | + |
| Elmdon | 534 | 00101 | 095 | + | + |
| Cardington | 559 | 00111 | 089 | + | + |
| Wittering | 462 | 00101 | 093 | + | + |
| Watnall | 354 | 00111 | 088 | + | + |
| Shawbury | 414 | 00111 | 098 | + | + |
| Finningley | 360 | 00111 | 084 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00111 | 065 | + | + |
| Tynemouth | 262 | 00111 | 050 | + | + |
| Carlisle | 222 | 00081 | 033 | + | + |
| Valley | 302 | 00080 | 007 | + | + |
| Ringway | 334 | 00111 | 091 | + | + |
| Squires Gate | 318 | 00101 | 085 | + | + |
| Ronaldsway | 204 | 91091 | 036 | + | $r_o$ |
| Mull of Galloway | 131 | 01081 | | | |
| Eskdalemuir | 162 | 92051 | 006 | + | $d_od_od_or_od_or_o$ |
| Prestwick | 135 | 05081 | 000 | $d_o$ | $r_or_orr$ |
| Abbotsinch | 140 | 05082 | 000 | $id_od_or_o$ | $r_or_orrd_or_o$ |
| Leuchars | 171 | 95071 | 000 | $d_or_o$ | $d_or_od_o-d_or_o$ |
| Dyce | 091 | 96061 | 000 | $r_oir_o$ | $ir_or_or_o$ |
| Lerwick | 005 | 03052 | 000 | $r_os$ | $r_or_o$ |
| Wick | 075 | 07071 | 000 | $r_or_orr$ | $r_or_orr$ |
| Sule Skerry | 010 | 08071 | | | |
| Cape Wrath | 049 | 04072 | 000 | rr | $ir_o$ |
| Stornoway | 026 | 03081 | 000 | $r_or_ord_od_o$ | $id_od_or_o$ |
| Benbecula | 022 | 04081 | 000 | $rrr_od_od_o$ | $dd_od_o$ |
| Tiree | 100 | 09081 | 000 | $rrr_orr$ | $r_od_or_ord_o$ |
| Aldergrove | 917 | 02091 | 003 | $r_o$ | $r_or_orr_o$ |
| Malin | 980 | 0308 | 000 | | |
| Belmullet | 976 | 0709 | 000 | | |
| Birr | 965 | 0111 | 024 | | |
| Dublin | 969 | 0011 | 071 | | |
| Shannon | 962 | 0511 | 001 | | |
| Roches Point | 952 | 0009 | 000 | | |
| Valentia | 953 | 1409 | 000 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

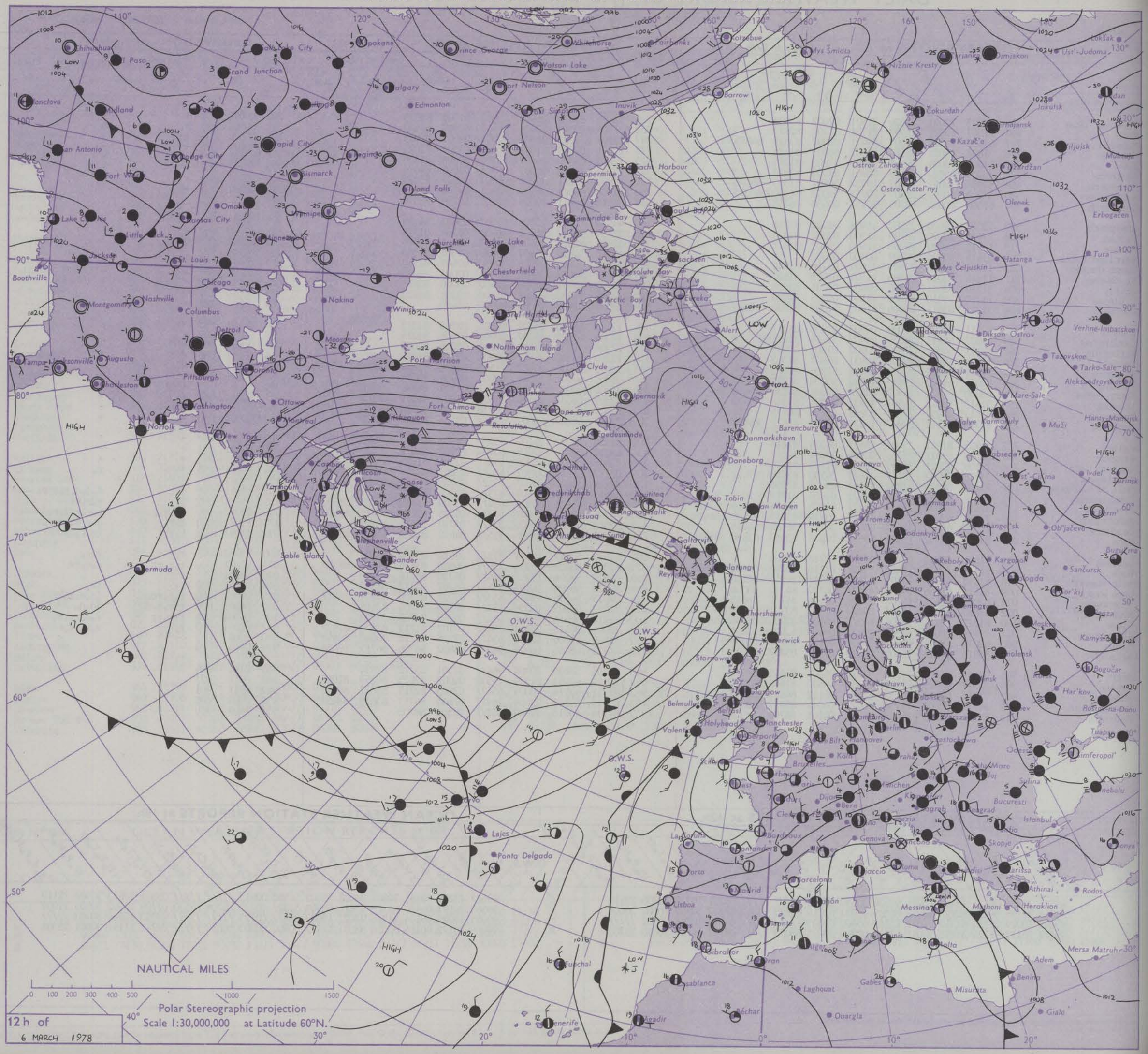
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 06121 | 72415 | 98021 | 92506 | 38550 | 00238 | ///// | ///// | 05251 | 10724 | 30808 | 22110 |
| | 99568 | 70198 | 06124 | 62225 | 98038 | 00209 | 15631 | 00114 | 81635 | 85362 | 0//07 | 10957 | 30504 | 20008 |
| | 99665 | 10029 | 06124 | 61310 | 97022 | 23701 | 65400 | 00805 | ///// | ///// | 05956 | 10616 | 30302 | ///// |
| | 99471 | 70171 | 06124 | 31811 | 98011 | 17512 | 00902 | 00005 | 83073 | ///// | 0//11 | 11160 | 30000 | 25208 |

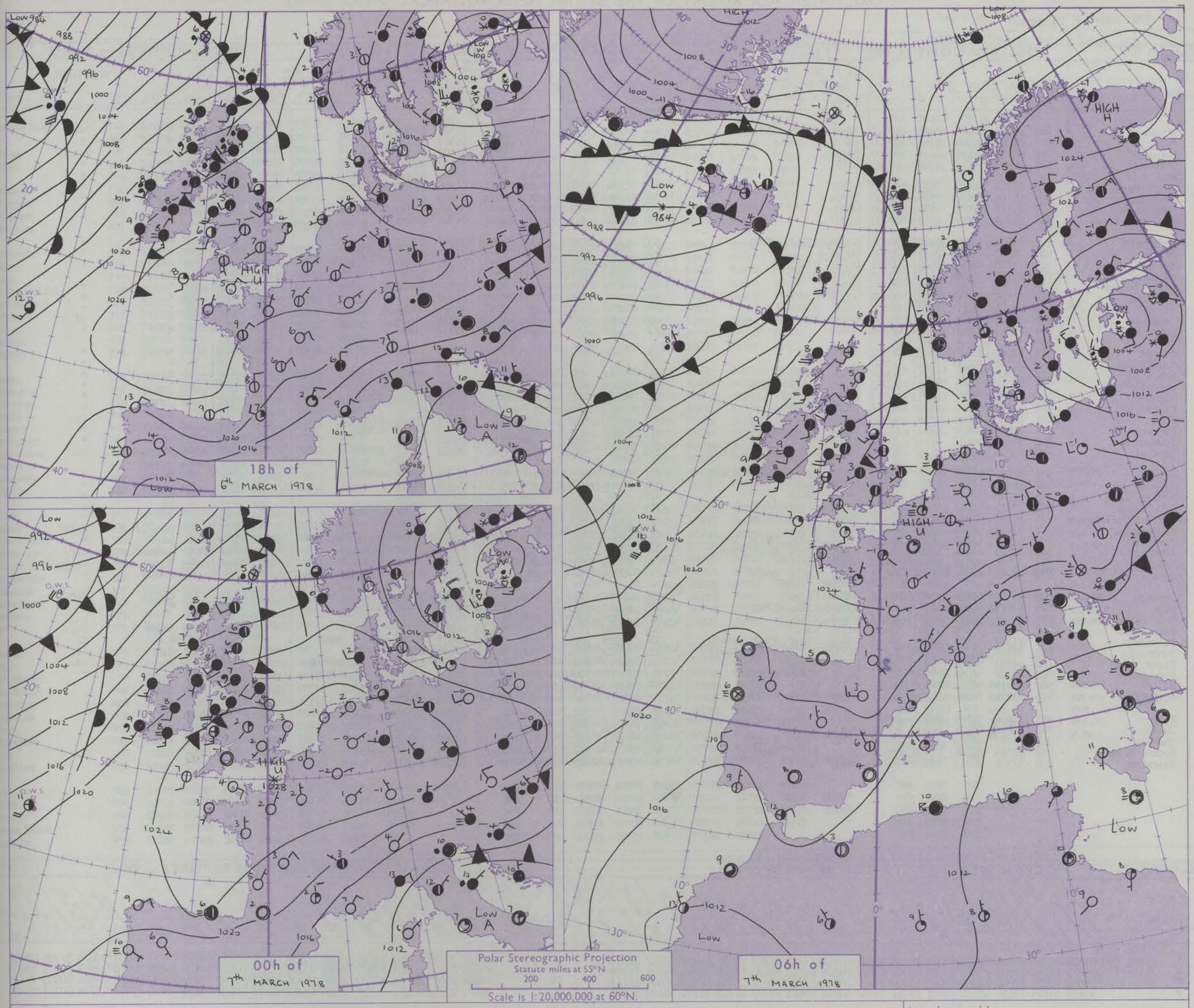
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 06181 | 72607 | 98028 | 95505 | 54550 | 00313 | ///// | ///// | 05301 | 10673 | 30403 | 22110 |
| | 99569 | 70197 | 06184 | 81728 | 95616 | 95909 | 5732/ | 00733 | 85708 | 88530 | 0//09 | 10962 | 30505 | 21009 |
| | 99665 | 10026 | 06184 | 81716 | 97022 | 19603 | 884// | 00725 | ///// | ///// | 05553 | 10606 | 30403 | ///// |
| | 99469 | 70172 | 06184 | 62016 | 98031 | 18112 | 00902 | 00303 | 86073 | ///// | 0//11 | 11191 | 30601 | 25308 |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 7 MARCH 1978

During the last 24 hours an anticyclone over the eastern English Channel drifted slowly south. A depression to the southwest of Iceland moved slowly north while associated frontal troughs moved northeast across Scotland and Northern Ireland.

During the next 24 hours the anticyclone over northern France is expected to continue drifting slowly south, while further frontal troughs move across the northwest of the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

Code FM 11.V — **OBSERVATIONS at 00h.** 7 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 52006 | 62031 | 26951 | 10942 | 52806 | 81365 | 85075 | |
| Hurn | 862 | 00000 | 22100 | 27453 | 00900 | 53804 | | | |
| Manston | 797 | 02210 | 70020 | 26301 | 00900 | 50709 | | | |
| Gatwick | 776 | 03003 | 59040 | 26900 | 00900 | 51707 | | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 02203 | 60020 | 26102 | 00900 | 01707 | | | |
| Honington | 586 | 02106 | 45051 | 25201 | 00900 | 51708 | | | |
| Wattisham | 590 | 02110 | 56050 | 25501 | 00900 | 00806 | | | |
| Gorleston | 497 | 02007 | 62020 | 25103 | 00900 | 01707 | | | |
| Aberporth | 502 | 51814 | 65011 | 24905 | 30931 | 04000 | 83362 | 83075 | |
| Filton | 628 | 02303 | 65020 | 26302 | 00900 | 00708 | | | |
| Rhoose | 715 | 11703 | 75030 | 26702 | 00902 | 01502 | 81075 | | |
| Hartland Point | 703 | 12112 | 69020 | 26703 | 10930 | 00302 | 81360 | | |
| Mount Batten | 827 | 01005 | 70020 | 27402 | 00900 | 00305 | | | |
| St.Mawgan | 817 | 21607 | 80030 | 27102 | 00902 | 00004 | 82075 | | |
| Scilly | 804 | 11808 | 60020 | 26707 | 12400 | 05216 | 81818 | | |
| Culdrose | 809 | 20000 | 70030 | 27102 | 25500 | 00104 | 82620 | | |
| Guernsey | 894 | 01111 | 75020 | 27004 | 00900 | 00808 | | | |
| Elmdon | 534 | 32102 | 62030 | 25602 | 00902 | 01502 | 83075 | | |
| Cardington | 559 | 02308 | 60020 | 25302 | 00900 | 01705 | | | |
| Wittering | 462 | 22205 | 60010 | 25202 | 00901 | 01504 | 82075 | | |
| Watnall | 354 | 52607 | 56051 | 24703 | 20932 | 01805 | 82359 | 85070 | |
| Shawbury | 414 | 61906 | 68031 | 24805 | 657// | 01503 | 86656 | | |
| Finningley | 360 | 62308 | 59041 | 23903 | 6095/ | 01500 | 86360 | | |
| Spurn Point | 396 | 02805 | 40050 | 23904 | 00900 | 03305 | | | |
| Leeming | 257 | 82615 | 70032 | 22507 | 855// | 03001 | 85623 | 88656 | |
| Tynemouth | 262 | 72306 | 66022 | 21107 | 756// | 03806 | 87632 | | |
| Carlisle | 222 | 82310 | 50516 | 21107 | 853// | 06003 | 83707 | 85618 | 88633 |
| Valley | 302 | 81919 | 60026 | 23507 | 854// | 05804 | 81711 | 85622 | 88650 |
| Ringway | 334 | 81808 | 61031 | 23805 | 857// | 01703 | 88656 | | |
| Squires Gate | 318 | 82010 | 70216 | 23106 | 856// | 05503 | 88630 | | |
| Ronaldsway | 204 | 82213 | 58212 | 21507 | 854// | 06702 | 81713 | 88620 | |
| Mull of Galloway | 131 | 72220 | 70252 | 19706 | 785// | 06804 | 83820 | 84630 | |
| Eskdalemuir | 162 | 82008 | 08586 | 20705 | 870// | 05504 | 88701 | | |
| Prestwick | 135 | 82208 | 45056 | 19308 | 863// | 07803 | 81706 | 85708 | 88710 |
| Abbotsinch | 140 | 82111 | 40516 | 18607 | 853// | 07802 | 83706 | 86708 | 88622 |
| Leuchars | 171 | 72506 | 59016 | 18406 | 764// | 05301 | 86711 | | |
| Dyce | 091 | 72702 | 82026 | 16906 | 755// | 04104 | 81625 | 86656 | |
| Lerwick | 005 | 91809 | 09616 | 13805 | 9//// | 05603 | 89/00 | | |
| Wick | 075 | 72411 | 80021 | 15107 | 755// | 05004 | 83620 | 87634 | |
| Sule Skerry | 010 | 72316 | 58012 | 14007 | 764// | 07103 | 87715 | | |
| Cape Wrath | 049 | 52320 | 75016 | 13107 | 55400 | 06205 | 85615 | | |
| Stornoway | 026 | 81909 | 62505 | 13208 | 853// | 07807 | 82708 | 85620 | 88630 |
| Benbecula | 022 | 81817 | 40502 | 13408 | 862// | 08709 | 84703 | 85706 | 88711 |
| Tiree | 100 | 81915 | 56106 | 15407 | 862// | 07709 | 88708 | | |
| Aldergrove | 917 | 81807 | 50046 | 19507 | 862// | 06808 | 83705 | 88707 | |
| Malin | 980 | 81914 | 62106 | 17008 | 863// | 07710 | 85707 | 88712 | |
| Belmullet | 976 | 81916 | 58206 | 16709 | 863// | 08705 | 85708 | 87717 | |
| Birr | 965 | 81809 | 60106 | 20408 | 864// | 07711 | 85716 | 87627 | |
| Dublin | 969 | 82010 | 65036 | 21008 | 855// | 06706 | 88628 | | |
| Shannon | 962 | 81711 | 66026 | 19709 | 855// | 07713 | 85620 | 87625 | |
| Roches Point | 952 | 81814 | 58106 | 21908 | 864// | 06811 | 87717 | 88630 | |
| Valentia | 953 | 81916 | 30515 | 19809 | 862// | 09808 | 88703 | | |

**OBSERVATIONS at 06h.** 7 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 70000 | 60021 | 25000 | 7093/ | 51504 | 87360 | | |
| Hurn | 862 | 20000 | 03484 | 25453 | 10931 | 54503 | 81360 | | |
| Manston | 797 | 62306 | 66031 | 24850 | 50931 | 51707 | 85362 | | |
| Gatwick | 776 | 60000 | 36101 | 25352 | 40954 | 53607 | 84360 | 86075 | |
| Kew | 775 | 72203 | 58051 | 24801 | 7093/ | 00508 | 87358 | | |
| Heathrow | 772 | 72004 | 56031 | 24801 | 7093/ | 01506 | 87358 | | |
| Honington | 586 | 72208 | 48051 | 23902 | 7093/ | 00506 | 87358 | | |
| Wattisham | 590 | 62311 | 45051 | 24201 | 557/2 | 50505 | 85656 | 84075 | |
| Gorleston | 497 | 72306 | 66031 | 23702 | 7097/ | 01705 | 87358 | | |
| Aberporth | 502 | 51914 | 70021 | 23004 | 35802 | 03000 | 83657 | 83070 | |
| Filton | 628 | 62702 | 65011 | 25103 | 35630 | 01304 | 83645 | 84359 | |
| Rhoose | 715 | 60902 | 82011 | 24901 | 6095/ | 00206 | 86360 | | |
| Hartland Point | 703 | 22010 | 66030 | 23703 | 20930 | 02303 | 82360 | | |
| Mount Batten | 827 | 61002 | 70031 | 25002 | 65400 | 01101 | 86618 | | |
| St.Mawgan | 817 | 01805 | 70020 | 24803 | 00900 | 01305 | | | |
| Scilly | 804 | 21910 | 81011 | 23707 | 22400 | 04501 | 82815 | | |
| Culdrose | 809 | 21906 | 68030 | 23504 | 15501 | 02811 | 81625 | | |
| Guernsey | 894 | 21709 | 57050 | 25006 | 11530 | 03514 | 81822 | | |
| Elmdon | 534 | 72407 | 58041 | 23803 | 757// | 01301 | 87656 | | |
| Cardington | 559 | 72410 | 40041 | 23903 | 7093/ | 02305 | 87360 | | |
| Wittering | 462 | 72612 | 58051 | 23503 | 6573/ | 01500 | 86656 | | |
| Watnall | 354 | 62409 | 50051 | 23403 | 6093/ | 01303 | 86359 | | |
| Shawbury | 414 | 62108 | 62031 | 23105 | 654// | 03500 | 83618 | 85645 | |
| Finningley | 360 | 72007 | 58042 | 21904 | 755// | 02501 | 87622 | | |
| Spurn Point | 396 | 72210 | 62031 | 22004 | 6557/ | 02502 | 86625 | 87360 | |
| Leeming | 257 | 72708 | 70022 | 20807 | 754// | 05503 | 84712 | 87616 | |
| Tynemouth | 262 | 42708 | 69021 | 19908 | 40930 | 05400 | 84358 | | |
| Carlisle | 222 | 82305 | 60026 | 19707 | 854// | 06803 | 82712 | 88617 | |
| Valley | 302 | 81921 | 59022 | 21607 | 853// | 06709 | 86706 | 88625 | |
| Ringway | 334 | 81706 | 60026 | 22405 | 855// | 02502 | 88620 | | |
| Squires Gate | 318 | 71907 | 65012 | 21406 | 756// | 05706 | 87630 | | |
| Ronaldsway | 204 | 82113 | 57016 | 19607 | 853// | 06810 | 82708 | 88620 | |
| Mull of Galloway | 131 | 72320 | 70012 | 18707 | 755// | 06812 | 87625 | | |
| Eskdalemuir | 162 | 91507 | 02476 | 19105 | 9//// | 05609 | 89/01 | | |
| Prestwick | 135 | 82010 | 56042 | 17607 | 863// | 06813 | 81707 | 83708 | 85709 |
| Abbotsinch | 140 | 82011 | 56106 | 16908 | 863// | 07809 | 83707 | 88710 | |
| Leuchars | 171 | 82310 | 50212 | 16907 | 862// | 06710 | 83704 | 88705 | |
| Dyce | 091 | 42006 | 86031 | 15605 | 15542 | 03709 | 81625 | 83072 | |
| Lerwick | 005 | 72110 | 65036 | 12306 | 784// | 05705 | 82814 | 87645 | |
| Wick | 075 | 52011 | 80012 | 13106 | 45632 | 05610 | 84635 | 83359 | |
| Sule Skerry | 010 | 82020 | 50616 | 11808 | 874// | 07712 | 88715 | | |
| Cape Wrath | 049 | 82320 | 75508 | 10907 | 874// | 06708 | 88710 | | |
| Stornoway | 026 | 82019 | 60025 | 10508 | 853// | 07612 | 82709 | 84615 | 88621 |
| Benbecula | 022 | 81823 | 58025 | 10908 | 854// | 07608 | 85710 | 88615 | |
| Tiree | 100 | 81917 | 50105 | 13307 | 853// | 07711 | 82708 | 86717 | 88650 |
| Aldergrove | 917 | 71709 | 50042 | 17607 | 753// | 06705 | 82707 | 84710 | 87624 |
| Malin | 980 | 81815 | 70102 | 14708 | 864// | 07712 | 83712 | 88715 | |
| Belmullet | 976 | 81920 | 66102 | 13209 | 864// | 07723 | 86716 | 87638 | |
| Birr | 965 | 81811 | 60102 | 19509 | 864// | 08806 | 87713 | 87631 | |
| Dublin | 969 | 82008 | 70022 | 18909 | 864// | 06709 | 88715 | | |
| Shannon | 962 | 81711 | 65022 | 17609 | 864// | 07709 | 86717 | 88620 | |
| Roches Point | 952 | 81813 | 58102 | 20108 | 864// | 07705 | 85717 | 88630 | |
| Valentia | 953 | 81816 | 40505 | 17509 | 862// | 09609 | 88704 | | |

**OBSERVATIONS during NIGHT**

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00513 | 56 | + | + |
| Hurn | 862 | 00543 | 57 | f | f |
| Manston | 797 | 00520 | 55 | + | + |
| Gatwick | 776 | 00543 | 58 | + | + |
| Kew | 775 | 00011 | 57 | + | + |
| Heathrow | 772 | 00501 | 54 | + | + |
| Honington | 586 | 00011 | 55 | + | + |
| Wattisham | 590 | 00511 | 55 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00040 | 02 | + | + |
| Filton | 628 | 00010 | 55 | + | + |
| Rhoose | 715 | 00501 | 55 | + | + |
| Hartland Point | 703 | 00030 | 01 | | |
| Mount Batten | 827 | 00001 | 54 | + | + |
| St.Mawgan | 817 | 00011 | 55 | + | + |
| Scilly | 804 | 00061 | 04 | + | + |
| Culdrose | 809 | 00001 | 50 | + | jf |
| Guernsey | 894 | 00041 | 51 | + | + |
| Elmdon | 534 | 00011 | 53 | + | + |
| Cardington | 559 | 00001 | 54 | + | + |
| Wittering | 462 | 00011 | 52 | + | + |
| Watnall | 354 | 00021 | 51 | + | + |
| Shawbury | 414 | 00031 | 53 | + | + |
| Finningley | 360 | 00011 | 53 | + | + |
| Spurn Point | 396 | | | + | $ir_o$ |
| Leeming | 257 | 00061 | 01 | + | + |
| Tynemouth | 262 | 00071 | 05 | + | + |
| Carlisle | 222 | 96061 | 05 | $r_od_or_od_or_od_o$ | $r_o$ |
| Valley | 302 | 97070 | 06 | $ir_o$ | + |
| Ringway | 334 | 97041 | 50 | $r_o$ | + |
| Squires Gate | 318 | 97061 | 03 | $r_o$ | + |
| Ronaldsway | 204 | 92071 | 06 | $ir_o$ | + |
| Mull of Galloway | 131 | 92061 | | | |
| Eskdalemuir | 162 | 92041 | 03 | $d_or_od_or_off$ | $d_oFff$ |
| Prestwick | 135 | 97071 | 06 | $ir_o$ | + |
| Abbotsinch | 140 | 92071 | 05 | $d_or_od_od_o$ | $d_or_o$ |
| Leuchars | 171 | 91061 | 06 | + | $r_oid_o$ |
| Dyce | 091 | 91031 | 50 | $r_or_oir_o$ | + |
| Lerwick | 005 | 02042 | 03 | $r_or_off$ | $fpr_o$ |
| Wick | 075 | 00051 | 01 | + | + |
| Sule Skerry | 010 | 97061 | 06 | | |
| Cape Wrath | 049 | 93062 | 06 | $ir_opr$ | $id_o$ |
| Stornoway | 026 | 91071 | 06 | $d_od_od$ | $d_o$ |
| Benbecula | 022 | 91081 | 07 | $d_od_o$ | $ir_o$ |
| Tiree | 100 | 97071 | 07 | $id_o$ | $id_o$ |
| Aldergrove | 917 | 97071 | 06 | $d_o$ | + |
| Malin | 980 | 9708 | 07 | | |
| Belmullet | 976 | 9708 | 08 | | |
| Birr | 965 | 9708 | 07 | | |
| Dublin | 969 | 9708 | 04 | | |
| Shannon | 962 | 9709 | 08 | | |
| Roches Point | 952 | 97 | | | |
| Valentia | 953 | 0108 | 08 | | |

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 07001 | 22504 | 98021 | 98105 | 00902 | 00111 | ///// | ///// | 05351 | 10729 | 3//// | 22/09 | |
| L | 99570 | 70196 | 07004 | 82720 | 97026 | 00008 | 854// | 00124 | 82712 | 88620 | 0//05 | 10946 | 30504 | 21009 | |
| M | 99666 | 10025 | 07004 | 31623 | 97012 | 15004 | 34400 | 00729 | ///// | ///// | 05352 | 10592 | 30504 | ///// | |
| R | 99469 | 70173 | 07004 | 51920 | 97031 | 17811 | 55400 | 00712 | 85613 | ///// | 0//10 | 11154 | 30603 | 25306 | |

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 06h.**

| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 07061 | 71411 | 98021 | 94606 | 6565/ | 00725 | 86650 | ///// | 05151 | 10674 | 3//05 | 22/08 | |
| L | 99570 | 70195 | 07064 | 83207 | 96616 | 97907 | 6732/ | 00623 | 86709 | 88518 | 0//02 | 10957 | 30302 | 22007 | |
| M | 99668 | 10025 | 07064 | 81830 | 96808 | 09604 | 894// | 00728 | ///// | ///// | 05301 | 10594 | 30505 | ///// | |
| R | 99470 | 70172 | 07064 | 81929 | 97606 | 12711 | 3557/ | 00820 | 83620 | 88460 | 0//10 | 11144 | 30707 | 25306 | |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

No. 42475 Date of Issue WEDNESDAY 8 MARCH 1978

## OBSERVATIONS at 12h. 7 MARCH 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62007 | 68012 | 23607 | 25772 | 03712 | 82656 | 83358 | 85360 |
| Hurn | 862 | 61503 | 62024 | 24307 | 4577/ | 04715 | 84650 | 83360 | |
| Manston | 797 | 72406 | 78022 | 23810 | 10971 | 01812 | 81359 | 87075 | |
| Gatwick | 776 | 72207 | 75022 | 24010 | 15882 | 00810 | 81657 | 86075 | |
| Kew | 775 | 72106 | 80022 | 23509 | 10938 | 00711 | 81360 | 86272 | |
| Heathrow | 772 | 72705 | 75022 | 23309 | 30988 | 02812 | 82359 | 87275 | |
| Honington | 586 | 72310 | 66031 | 22409 | 11501 | 03711 | 81824 | 87075 | |
| Wattisham | 590 | 62512 | 62031 | 22709 | 11531 | 04711 | 81820 | 86075 | |
| Gorleston | 497 | 72610 | 60021 | 22608 | 755// | 03706 | 87625 | | |
| Aberporth | 502 | 71915 | 73012 | 20608 | 55532 | 04816 | 85620 | 87070 | |
| Filton | 628 | 72306 | 78032 | 23309 | 15732 | 03612 | 81650 | 86358 | |
| Rhoose | 715 | 71206 | 70032 | 23307 | 11438 | 02610 | 81818 | 86360 | |
| Hartland Point | 703 | 72509 | 68031 | 23007 | 15674 | 04706 | 81640 | 84360 | 87075 |
| Mount Batten | 827 | 62009 | 68052 | 23811 | 00902 | 06709 | 86075 | | |
| St.Mawgan | 817 | 71812 | 75021 | 23309 | 11432 | 04507 | 81818 | 87080 | |
| Scilly | 804 | 71915 | 81021 | 22510 | 58502 | 05710 | 82820 | 84626 | 86075 |
| Culdrose | 809 | 52012 | 65051 | 23110 | 00902 | 06612 | 85070 | | |
| Guernsey | 894 | 31909 | 64011 | 25108 | 00902 | 03706 | 83075 | | |
| Elmdon | 534 | 72408 | 66022 | 21909 | 11552 | 03812 | 81820 | 87362 | |
| Cardington | 559 | 72308 | 62022 | 22309 | 30938 | 02815 | 83364 | 87275 | |
| Wittering | 462 | 62410 | 70021 | 21909 | 11438 | 05810 | 81818 | 86275 | |
| Watnall | 354 | 72207 | 50042 | 21608 | 754/2 | 05810 | 87614 | | |
| Shawbury | 414 | 71907 | 66012 | 21208 | 754// | 05812 | 84618 | 87656 | |
| Finningley | 360 | 62109 | 59042 | 20510 | 656// | 05809 | 86630 | | |
| Spurn Point | 396 | 82316 | 50106 | 21007 | 856// | 04804 | 88630 | | |
| Leeming | 257 | 72312 | 60042 | 19809 | 754// | 05707 | 85618 | 87645 | |
| Tynemouth | 262 | 62002 | 69021 | 18810 | 1567/ | 06811 | 81630 | 86358 | |
| Carlisle | 222 | 82310 | 57215 | 18108 | 853// | 07812 | 82707 | 84711 | 86615 |
| Valley | 302 | 81821 | 65022 | 19808 | 853// | 06713 | 81709 | 88624 | |
| Ringway | 334 | 71911 | 62022 | 20509 | 755// | 03812 | 86625 | 84645 | |
| Squires Gate | 318 | 82012 | 62012 | 20208 | 5557/ | 06608 | 81628 | 85635 | 88360 |
| Ronaldsway | 204 | 82015 | 58052 | 18008 | 853// | 07713 | 81707 | 83710 | 88643 |
| Mull of Galloway | 131 | 82320 | 59022 | 16607 | 5547/ | 07713 | 82710 | 84625 | 88460 |
| Eskdalemuir | 162 | 81709 | 05506 | 17206 | 870// | 06713 | 88700 | | |
| Prestwick | 135 | 82211 | 59022 | 15809 | 853// | 07714 | 83708 | 86709 | 87612 |
| Abbotsinch | 140 | 82210 | 57042 | 15109 | 853// | 07713 | 81707 | 86710 | 88616 |
| Leuchars | 171 | 82110 | 58205 | 15208 | 863// | 07711 | 82707 | 88711 | |
| Dyce | 091 | 81812 | 45041 | 14109 | 46372 | 07711 | 81707 | 84709 | 86362 |
| Lerwick | 005 | 71911 | 75208 | 10806 | 6847/ | 06712 | 81814 | 85645 | 87362 |
| Wick | 075 | 71810 | 80022 | 11708 | 16472 | 06809 | 81715 | 86358 | 87070 |
| Sule Skerry | 010 | 72012 | 82026 | 10308 | 1647/ | 06611 | 81715 | 87358 | |
| Cape Wrath | 049 | 82322 | 70025 | 08108 | 5847/ | 07717 | 82812 | 84620 | 88360 |
| Stornoway | 026 | 82125 | 62602 | 08708 | 853// | 07715 | 83707 | 85710 | 88618 |
| Benbecula | 022 | 81720 | 62616 | 08408 | 5522/ | 08816 | 82705 | 83709 | 88459 |
| Tiree | 100 | 81722 | 30612 | 10507 | 6742/ | 07822 | 83710 | 85715 | 88535 |
| Aldergrove | 917 | 81815 | 58045 | 14809 | 6542/ | 06817 | 83712 | 86615 | 88459 |
| Malin | 980 | 81920 | 70026 | 11610 | 7642/ | 08722 | 87713 | 88459 | |
| Belmullet | 976 | 81827 | 57506 | 09209 | 873// | 08722 | 83707 | 86715 | 88635 |
| Birr | 965 | 81915 | 66022 | 15410 | 7637/ | 06716 | 85709 | 87630 | 88458 |
| Dublin | 969 | 82015 | 70022 | 16410 | 4557/ | 05715 | 84622 | 88460 | |
| Shannon | 962 | 81920 | 65022 | 14610 | 864// | 06719 | 85717 | 87625 | |
| Roches Point | 952 | 81620 | 58102 | 17608 | 854// | 06719 | 83717 | 88630 | |
| Valentia | 953 | 81822 | 62025 | 14510 | 864// | 07715 | 84710 | 88714 | |

## OBSERVATIONS at 18h. 7 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72011 | 65022 | 20507 | 30978 | 03611 | 81360 | 83362 | 87270 |
| Hurn | 862 | 72008 | 58051 | 21408 | 40928 | 05711 | 84460 | 87270 | |
| Manston | 797 | 72112 | 57052 | 20806 | 20976 | 04612 | 81360 | 87275 | |
| Gatwick | 776 | 71908 | 63021 | 21007 | 20938 | 03607 | 82365 | 87272 | |
| Kew | 775 | 82206 | 75021 | 20210 | 30977 | 02608 | 83362 | 88272 | |
| Heathrow | 772 | 72207 | 66022 | 20110 | 30938 | 03610 | 83362 | 87272 | |
| Honington | 586 | 82204 | 65032 | 19408 | 50977 | 01610 | 85362 | 88272 | |
| Wattisham | 590 | 72108 | 65032 | 19507 | 40948 | 00614 | 84363 | 87275 | |
| Gorleston | 497 | 50000 | 60031 | 19706 | 50970 | 04708 | 85358 | | |
| Aberporth | 502 | 81924 | 64032 | 16307 | 5547/ | 05822 | 82710 | 84622 | 88459 |
| Filton | 628 | 72106 | 65032 | 19809 | 55778 | 05611 | 85650 | 86360 | 87270 |
| Rhoose | 715 | 81703 | 66032 | 19307 | 1577/ | 03616 | 81650 | 88358 | |
| Hartland Point | 703 | 82411 | 66022 | 19108 | 2552/ | 04817 | 82620 | 88460 | |
| Mount Batten | 827 | 82108 | 56052 | 21108 | 40977 | 06708 | 84465 | 86072 | 88275 |
| St.Mawgan | 817 | 81912 | 62052 | 19709 | 30917 | 06712 | 83465 | 88272 | |
| Scilly | 804 | 81918 | 65022 | 18609 | 8097/ | 07716 | 85358 | 88460 | |
| Culdrose | 809 | 82113 | 60052 | 20408 | 2642/ | 07612 | 82712 | 88460 | |
| Guernsey | 894 | 71802 | 61031 | 22907 | 20932 | 04605 | 82360 | 87075 | |
| Elmdon | 534 | 72107 | 65022 | 18508 | 15778 | 00613 | 81656 | 87272 | |
| Cardington | 559 | 82210 | 66022 | 18909 | 40937 | 02614 | 84362 | 88275 | |
| Wittering | 462 | 72210 | 75022 | 18709 | 70978 | 03609 | 85362 | 86465 | 86275 |
| Watnall | 354 | 82007 | 40042 | 18208 | 30937 | 04612 | 83362 | 88270 | |
| Shawbury | 414 | 82009 | 80032 | 17409 | 45777 | 01612 | 84650 | 86465 | 88270 |
| Finningley | 360 | 71906 | 61022 | 17108 | 50978 | 04710 | 85363 | 87275 | |
| Spurn Point | 396 | 81807 | 40102 | 17707 | 855// | 05711 | 88625 | | |
| Leeming | 257 | 82112 | 45042 | 15509 | 4557/ | 05820 | 82620 | 83645 | 85362 |
| Tynemouth | 262 | 82310 | 61022 | 15109 | 1567/ | 04717 | 81630 | 88358 | |
| Carlisle | 222 | 82403 | 60215 | 13807 | 854// | 05718 | 81714 | 85618 | 86625 |
| Valley | 302 | 81827 | 62022 | 16007 | 853// | 06715 | 82708 | 86710 | 88620 |
| Ringway | 334 | 81910 | 60022 | 16510 | 15647 | 03617 | 81645 | 84360 | 88270 |
| Squires Gate | 318 | 72310 | 62022 | 16207 | 5567/ | 05716 | 85635 | 87360 | |
| Ronaldsway | 204 | 82021 | 56602 | 13007 | 853// | 06725 | 83709 | 85711 | 88621 |
| Mull of Galloway | 131 | 82136 | 66606 | 10407 | 4542/ | 06729 | 82710 | 84625 | 88460 |
| Eskdalemuir | 162 | 81819 | 25616 | 13105 | 872// | 05721 | 88703 | | |
| Prestwick | 135 | 82118 | 56616 | 10107 | 6547/ | 06825 | 82711 | 84634 | 86650 |
| Abbotsinch | 140 | 81916 | 35636 | 09608 | 6532/ | 06723 | 81708 | 83615 | 85620 |
| Leuchars | 171 | 82015 | 56632 | 10007 | 6542/ | 06727 | 82710 | 86618 | 88560 |
| Dyce | 091 | 81610 | 30636 | 09507 | 7722/ | 06727 | 82705 | 85706 | 86710 |
| Lerwick | 005 | 81911 | 70026 | 07206 | 6532/ | 05717 | 81706 | 86640 | 88460 |
| Wick | 075 | 81610 | 58636 | 06707 | 2732/ | 06728 | 82708 | 88550 | |
| Sule Skerry | 010 | 81416 | 57636 | 04807 | 6742/ | 07732 | 86715 | 88558 | |
| Cape Wrath | 049 | 81815 | 65636 | 03208 | 874// | 05728 | 88710 | | |
| Stornoway | 026 | 81924 | 59616 | 01508 | 7732/ | 07641 | 86709 | 87712 | 88540 |
| Benbecula | 022 | 81827 | 40636 | 00108 | 852// | 08743 | 83705 | 86708 | 88612 |
| Tiree | 100 | 81827 | 40616 | 03107 | 6742/ | 07736 | 86710 | 88516 | |
| Aldergrove | 917 | 81915 | 62616 | 09108 | 7542/ | 06624 | 83712 | 86620 | 88460 |
| Malin | 980 | 81833 | 65216 | 03909 | 4642/ | 07741 | 83714 | 88458 | |
| Belmullet | 976 | 81927 | 56615 | 02809 | 6732/ | 08726 | 83707 | 85713 | 88535 |
| Birr | 965 | 81812 | 60606 | 10008 | 7642/ | 07724 | 87712 | 88458 | |
| Dublin | 969 | 82019 | 68616 | 11208 | 6642/ | 05721 | 84718 | 84630 | 88460 |
| Shannon | 962 | 82012 | 65616 | 09409 | 6547/ | 08723 | 82712 | 85630 | 88458 |
| Roches Point | 952 | 81824 | 56606 | 13108 | 864// | 07721 | 86711 | 88717 | |
| Valentia | 953 | 81819 | 40656 | 09809 | 863// | 09714 | 88706 | | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00101 | 057 | + | + |
| Hurn | 862 | 00101 | 055 | + | + |
| Manston | 797 | 00120 | 067 | + | + |
| Gatwick | 776 | 00121 | 072 | + | + |
| Kew | 775 | 00121 | 072 | + | + |
| Heathrow | 772 | 00131 | 073 | + | + |
| Honington | 586 | 00111 | 080 | + | + |
| Wattisham | 590 | 00111 | 083 | + | + |
| Gorleston | 497 | | 052 | | |
| Aberporth | 502 | 97091 | 007 | + | ir. |
| Filton | 628 | 00110 | 046 | + | + |
| Rhoose | 715 | 00111 | 045 | + | + |
| Hartland Point | 703 | 00090 | 033 | | |
| Mount Batten | 827 | 00111 | 059 | + | + |
| St.Mawgan | 817 | 00111 | 053 | + | + |
| Scilly | 804 | 00101 | 048 | + | + |
| Culdrose | 809 | 00101 | 052 | + | + |
| Guernsey | 894 | 00091 | 091 | + | + |
| Elmdon | 534 | 00111 | 050 | + | + |
| Cardington | 559 | 00121 | 065 | + | + |
| Wittering | 462 | 00111 | 064 | + | + |
| Watnall | 354 | 00101 | 015 | + | + |
| Shawbury | 414 | 00121 | 018 | + | + |
| Finningley | 360 | 00111 | 009 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00091 | 000 | + | + |
| Tynemouth | 262 | 01111 | 020 | + | rrr.r. |
| Carlisle | 222 | 01091 | 000 | r.id.d.r.d.r. | r.rr. |
| Valley | 302 | 95091 | 000 | + | ir |
| Ringway | 334 | 95101 | 012 | + | r.r |
| Squires Gate | 318 | 01091 | 000 | + | r.r |
| Ronaldsway | 204 | 02091 | 000 | r. | r.rrir. |
| Mull of Galloway | 131 | 01071 | | | |
| Eskdalemuir | 162 | 06064 | 000 | ffd.r.d-drff | ffrr.dr-r |
| Prestwick | 135 | 04101 | 000 | + | r.r.d.r. |
| Abbotsinch | 140 | 07102 | 000 | + | r.r.Rr |
| Leuchars | 171 | 03092 | 000 | d. | r.rrr.r. |
| Dyce | 091 | 07092 | 006 | d.r. | rrr.r. |
| Lerwick | 005 | 01071 | 005 | id.ir. | r.r. |
| Wick | 075 | 07082 | 000 | + | r.rr |
| Sule Skerry | 010 | 08082 | | | |
| Cape Wrath | 049 | 08082 | 000 | rr | rrr.r. |
| Stornoway | 026 | 07092 | 000 | ir.rr | rrr.r. |
| Benbecula | 022 | 18092 | 000 | rrR | rrR |
| Tiree | 100 | 09081 | 000 | ir.rr | rrr.r. |
| Aldergrove | 917 | 01091 | 000 | d. | r.rr. |
| Malin | 980 | 9510 | 000 | | |
| Belmullet | 976 | 0510 | 000 | | |
| Birr | 965 | 0110 | 000 | | |
| Dublin | 969 | 9210 | 000 | | |
| Shannon | 962 | 0110 | 000 | | |
| Roches Point | 952 | 9309 | 000 | | |
| Valentia | 953 | 1210 | 000 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

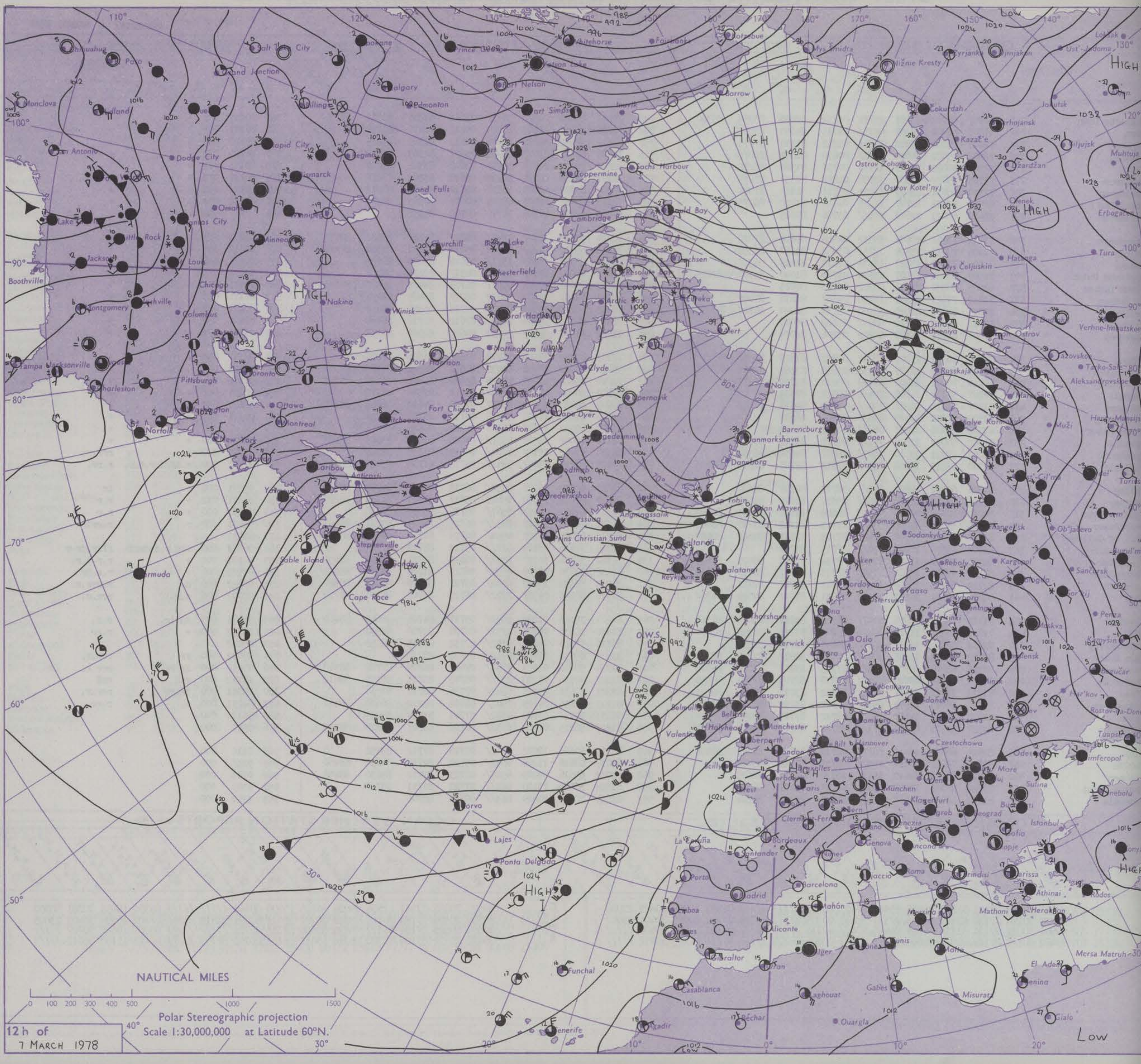
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 07121 | 81213 | 96638 | 85906 | 8742/ | 00768 | ///// | ///// | 05105 | 10718 | 30605 | 22008 |
| L | 99570 | 70194 | 07124 | 63521 | 98258 | 97507 | 38431 | 00305 | 81712 | 83818 | 0//04 | 10945 | 30404 | 23007 |
| M | 99664 | 10027 | 07124 | 81828 | 96608 | 06605 | 5742/ | 42714 | ///// | ///// | 05103 | 10592 | 30606 | ///// |
| R | 99472 | 70172 | 07124 | 82030 | 96606 | 11711 | 872// | 00806 | 88705 | ///// | 0//11 | 11149 | 30912 | ///// |

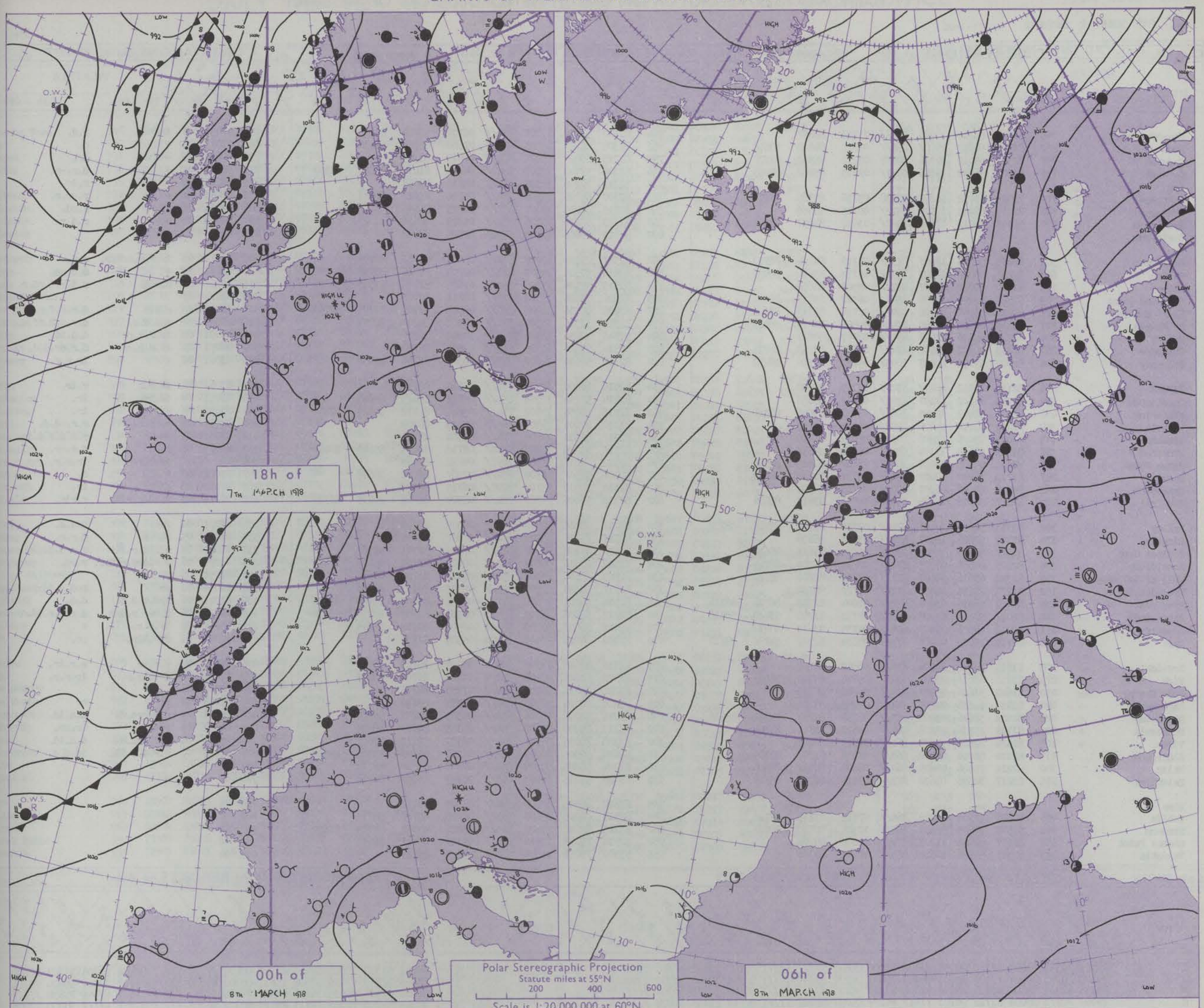
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs_s$ | $8N_sC_hs_hs_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 07181 | 12506 | 99028 | 94105 | 15500 | 00146 | ///// | ///// | 05350 | 10651 | 30201 | 30007 |
| L | 99569 | 70194 | 07184 | 70113 | 98012 | 00707 | 28471 | 00321 | 81818 | 84364 | 0//02 | 10939 | 30403 | 23005 |
| M | 99658 | 10029 | 07184 | 81832 | 96616 | 02606 | 6732/ | 42721 | ///// | ///// | 00005 | 10602 | 30707 | ///// |
| R | 99470 | 70171 | 07184 | 82320 | 96216 | 13012 | 861// | 00212 | 88702 | ///// | 0//12 | 11155 | 31012 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday WEDNESDAY 8 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours the anticyclone over Northern France continued to move slowly southeastwards. Frontal troughs moved eastwards to cross Scotland and Northern Ireland.

During the next 24 hours the trough will continue to move eastwards to clear all districts and will be followed by a ridge of high pressure which will move steadily eastwards across the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 8 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_Sc_Sh_Sh_S$ | $8N_Sc_Sh_Sh_S$ | $8N_Sc_Sh_Sh_S$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82012 | 60212 | 18006 | 858// | 03718 | 86657 | | |
| Hurn | 862 | 81706 | 58052 | 19007 | 855// | 05719 | 84628 | 88650 | |
| Manston | 797 | 72312 | 65012 | 19106 | 50978 | 02712 | 85360 | 87270 | |
| Gatwick | 776 | 81906 | 56042 | 19106 | 5577/ | 02815 | 85650 | 88459 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 72005 | 60022 | 18207 | 30938 | 03716 | 83365 | 87272 | |
| Honington | 586 | 82111 | 60022 | 17106 | 857// | 00713 | 88656 | | |
| Wattisham | 590 | 82213 | 64012 | 17506 | 3587/ | 01810 | 83657 | 88363 | |
| Gorleston | | | | | | | | | |
| Aberporth | 502 | 82023 | 58636 | 13207 | 873// | 07719 | 84709 | 88713 | |
| Filton | 628 | 82211 | 60032 | 17307 | 3572/ | 04714 | 83650 | 88459 | |
| Rhoose | 715 | 82110 | 65022 | 17307 | 857// | 03508 | 88650 | | |
| Hartland Point | 703 | 82522 | 66606 | 16508 | 854// | 06502 | 85710 | 88622 | |
| Mount Batten | 827 | 82211 | 58052 | 19108 | 854// | 07710 | 85710 | 88618 | |
| St.Mawgan | 817 | 82115 | 60602 | 18308 | 6742/ | 06802 | 86710 | 88460 | |
| Scilly | 804 | 82220 | 62606 | 17609 | 855// | 08707 | 88623 | | |
| Culdrose | 809 | 82313 | 50602 | 18508 | 874// | 08805 | 84710 | 88715 | |
| Guernsey | 894 | 82009 | 59052 | 20807 | 10937 | 05711 | 81360 | 88272 | |
| Elmdon | 534 | 82111 | 64212 | 15407 | 857// | 01719 | 88650 | | |
| Cardington | 559 | 82113 | 61602 | 17107 | 858// | 02713 | 88656 | | |
| Wittering | 462 | 82111 | 58602 | 15906 | 5567/ | 03717 | 85646 | 88360 | |
| Watnall | 354 | 82011 | 60216 | 14406 | 8092/ | 05725 | 88459 | | |
| Shawbury | 414 | 82011 | 75026 | 13808 | 8097/ | 05719 | 88358 | | |
| Finningley | 360 | 81707 | 57612 | 13106 | 857// | 05824 | 88650 | | |
| Spurn Point | 396 | 82012 | 66606 | 13907 | 7557/ | 03719 | 87625 | 88360 | |
| Leeming | 257 | 81712 | 58042 | 10407 | 855// | 03732 | 82620 | 88650 | |
| Tynemouth | 262 | 82016 | 69026 | 09207 | 8097/ | 04733 | 88358 | | |
| Carlisle | 222 | 82117 | 56616 | 07108 | 854// | 06836 | 83615 | 88624 | |
| Valley | 302 | 81931 | 50636 | 11107 | 872// | 07721 | 85703 | 85706 | 88707 |
| Ringway | 334 | 81912 | 57606 | 12607 | 857// | 03823 | 88656 | | |
| Squires Gate | 318 | 81917 | 58636 | 10507 | 854// | 06729 | 83617 | 88630 | |
| Ronaldsway | 204 | 82125 | 40586 | 07207 | 872// | 07725 | 85703 | 88705 | |
| Mull of Galloway | 131 | 82340 | 60616 | 04607 | 872// | 07714 | 84704 | 88710 | |
| Eskdalemuir | 162 | 81920 | 25636 | 06605 | 872// | 05727 | 88704 | | |
| Prestwick | 135 | 82016 | 56516 | 03807 | 872// | 07624 | 82703 | 86708 | 88710 |
| Abbotsinch | 140 | 82017 | 57616 | 02908 | 853// | 07731 | 81708 | 83710 | 86715 |
| Leuchars | 171 | 82212 | 64606 | 03407 | 854// | 04735 | 83614 | 88618 | |
| Dyce | 091 | 81715 | 35636 | 02406 | 873// | 05834 | 82707 | 84708 | 88710 |
| Lerwick | 005 | 81818 | 35636 | 99006 | 870// | 06842 | 88701 | | |
| Wick | 075 | 81718 | 65616 | 97707 | 854// | 05744 | 84710 | 88625 | |
| Sule Skerry | 010 | 81620 | 57636 | 95907 | 874// | 06746 | 88715 | | |
| Cape Wrath | 049 | 81814 | 66636 | 94407 | 874// | 07742 | 88710 | | |
| Stornoway | 026 | 82123 | 58616 | 93908 | 853// | 07730 | 82709 | 84711 | 88618 |
| Benbecula | 022 | 82118 | 25536 | 95008 | 860// | 08610 | 83701 | 88704 | |
| Tiree | 100 | 82324 | 22516 | 97907 | 861// | 07615 | 88702 | | |
| Aldergrove | 917 | 82114 | 80216 | 04208 | 863// | 08819 | 81707 | 88709 | |
| Malin | 980 | 82221 | 75026 | 00909 | 864// | 08608 | 86712 | 88626 | |
| Belmullet | 976 | 82217 | 30586 | 03610 | 872// | 09215 | 86703 | 88709 | |
| Birr | | | | | | | | | |
| Dublin | 969 | 82220 | 70506 | 06809 | 864// | 07715 | 83712 | 88716 | |
| Shannon | 962 | 82508 | 70605 | 08611 | 864// | 10305 | 86710 | 88620 | |
| Roches Point | 952 | 82117 | 50586 | 11209 | 872// | 09608 | 88704 | | |
| Valentia | 953 | 82311 | 58586 | 10610 | 863// | 10213 | 88706 | | |

## OBSERVATIONS at 06h. 8 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_Sc_Sh_Sh_S$ | $8N_Sc_Sh_Sh_S$ | $8N_Sc_Sh_Sh_S$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82210 | 59212 | 15007 | 853// | 06709 | 86709 | 88620 | |
| Hurn | 862 | 82308 | 62202 | 16708 | 853// | 07606 | 86708 | 88630 | |
| Manston | 797 | 82215 | 65026 | 15507 | 8097/ | 04815 | 88359 | | |
| Gatwick | 776 | 82106 | 57212 | 15607 | 6547/ | 04712 | 81615 | 86650 | 88359 |
| Kew | 775 | 82212 | 70216 | 14308 | 856// | 04718 | 88635 | | |
| Heathrow | 772 | 82109 | 60216 | 14508 | 854// | 05714 | 81617 | 88645 | |
| Honington | 586 | 81915 | 60216 | 12407 | 857// | 02723 | 88656 | | |
| Wattisham | 590 | 81913 | 60216 | 13106 | 857// | 01825 | 88656 | | |
| Gorleston | 497 | 82015 | 66606 | 12506 | 8092/ | 02726 | 88460 | | |
| Aberporth | 502 | 82517 | 25516 | 12009 | 870// | 08304 | 85701 | 88703 | |
| Filton | 628 | 82410 | 50515 | 14507 | 873// | 06709 | 85706 | 88708 | |
| Rhoose | 715 | 82515 | 58586 | 13708 | 853// | 07615 | 82708 | 87710 | 88620 |
| Hartland Point | 703 | 82526 | 01616 | 13308 | 870// | 08811 | 88700 | | |
| Mount Batten | 827 | 82418 | 40516 | 16408 | 870// | 08613 | 82701 | 87703 | 88705 |
| St.Mawgan | 817 | 82314 | 12516 | 16309 | 870// | 09501 | 84700 | 88701 | |
| Scilly | 804 | 92416 | 02456 | 16310 | 9//// | 10501 | 89/00 | | |
| Culdrose | 809 | 82514 | 25586 | 16709 | 870// | 09501 | 88700 | | |
| Guernsey | 894 | 82315 | 58616 | 19607 | 853// | 06301 | 82706 | 87656 | |
| Elmdon | 534 | 82415 | 64606 | 11408 | 874// | 05615 | 88713 | | |
| Cardington | 559 | 82214 | 58216 | 12208 | 855// | 05622 | 85623 | 88645 | |
| Wittering | 462 | 72215 | 58056 | 10607 | 754// | 05624 | 82712 | 85620 | 87650 |
| Watnall | 354 | 81810 | 60206 | 09906 | 863// | 05715 | 88709 | | |
| Shawbury | 414 | 82312 | 62616 | 10708 | 874// | 07604 | 88710 | | |
| Finningley | 360 | 82215 | 65026 | 07907 | 5547/ | 06718 | 82615 | 85640 | 88460 |
| Spurn Point | 396 | 72122 | 64016 | 07906 | 7097/ | 04722 | 87460 | | |
| Leeming | 257 | 82207 | 58502 | 06509 | 854// | 07507 | 86711 | 88618 | |
| Tynemouth | 262 | 82316 | 80022 | 03709 | 8097/ | 06715 | 88358 | | |
| Carlisle | 222 | 82313 | 59606 | 04309 | 852// | 08500 | 82705 | 84709 | 86712 |
| Valley | 302 | 82217 | 08466 | 10308 | 870// | 08308 | 88700 | | |
| Ringway | 334 | 82212 | 75216 | 08808 | 864// | 07607 | 88711 | | |
| Squires Gate | 318 | 82420 | 35106 | 08007 | 860// | 07502 | 82701 | 88702 | |
| Ronaldsway | 204 | 72519 | 65016 | 06709 | 752// | 08102 | 82704 | 86706 | 87630 |
| Mull of Galloway | 131 | 82523 | 58606 | 05108 | 852// | 08110 | 83704 | 88620 | |
| Eskdalemuir | 162 | 82217 | 50586 | 02807 | 853// | 07503 | 86707 | 88630 | |
| Prestwick | 135 | 82514 | 56205 | 03608 | 872// | 08308 | 81703 | 85704 | 87706 |
| Abbotsinch | 140 | 82417 | 58506 | 02109 | 853// | 08307 | 81708 | 87710 | 88620 |
| Leuchars | 171 | 52421 | 70016 | 99009 | 55300 | 07506 | 82708 | 83615 | |
| Dyce | 091 | 22106 | 86026 | 97407 | 28400 | 05504 | 81815 | | |
| Lerwick | 005 | 82116 | 40616 | 91906 | 872// | 05724 | 85703 | 88705 | |
| Wick | 075 | 82922 | 62606 | 96108 | 853// | 07316 | 86706 | 88615 | |
| Sule Skerry | 010 | 83227 | 48636 | 96207 | 874// | 07235 | 88715 | | |
| Cape Wrath | 049 | 83226 | 70026 | 98306 | 864// | 05358 | 88710 | | |
| Stornoway | 026 | 63216 | 58016 | 02306 | 653// | 05365 | 83708 | 86620 | |
| Benbecula | 022 | 73119 | 65806 | 04607 | 784// | 06365 | 84818 | 86631 | |
| Tiree | 100 | 73320 | 70015 | 05307 | 754// | 07359 | 82712 | 87627 | |
| Aldergrove | 917 | 82614 | 50505 | 06609 | 862// | 08224 | 82703 | 83706 | 88708 |
| Malin | 980 | 83224 | 56506 | 07508 | 864// | 07354 | 85710 | 88714 | |
| Belmullet | 976 | 63005 | 58215 | 11907 | 663// | 06247 | 85707 | 86714 | |
| Birr | 965 | 82610 | 60505 | 11809 | 864// | 08329 | 88710 | | |
| Dublin | 969 | 82518 | 70205 | 08609 | 863// | 08222 | 85707 | 88711 | |
| Shannon | 962 | 83115 | 62216 | 13409 | 863// | 08226 | 83708 | 85715 | 87620 |
| Roches Point | 952 | 72914 | 75036 | 13410 | 764// | 07119 | 85711 | 86632 | |
| Valentia | 953 | 53309 | 75026 | 15809 | 56400 | 08225 | 85711 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.—03h. | WEATHER 03h.—09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97051 | 03 | ir. | r.d. |
| Hurn | 862 | 97071 | 05 | + | d. |
| Manston | 797 | 97050 | 03 | + | ir. |
| Gatwick | 776 | 97051 | 03 | + | d.r.-r. |
| Kew | 775 | 97061 | 03 | + | r.ir. |
| Heathrow | 772 | 97061 | 04 | + | r.-r.r. |
| Honington | 586 | 01051 | 03 | r | r.rd. |
| Wattisham | 590 | 92051 | 02 | r.r | r.d.r. |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 03071 | 06 | ir.r.r.rrd.r. | d.d. |
| Filton | 628 | 92071 | 06 | + | d.d.-d. |
| Rhoose | 715 | 01061 | 04 | r.r.d. | r.d.r.d.fd.r. |
| Hartland Point | 703 | 03072 | 07 | | |
| Mount Batten | 827 | 01081 | 05 | r.r.r | d.r.r.f |
| St.Mawgan | 817 | 02081 | 07 | r.r.d.r. | d.r.d.d.ff |
| Scilly | 804 | 04091 | 08 | ir.r.r.rr | d.d.id. |
| Culdrose | 809 | 04072 | 07 | ir.r.r.rr | d.r.dr.d.d. |
| Guernsey | 894 | 91061 | 02 | + | ir.r.r. |
| Elmdon | 534 | 01061 | 04 | ir.r.r | r.ir. |
| Cardington | 559 | 01051 | 04 | ir.ir | ir. |
| Wittering | 462 | 01051 | 04 | r.r | ir. |
| Watnall | 354 | 01051 | 04 | r.rr.r. | r.r.-d.d. |
| Shawbury | 414 | 97081 | 05 | r. | r.r.d.r.d.ir. |
| Finningley | 360 | 02061 | 05 | r.r | d.r.-r. |
| Spurn Point | 396 | | | ir.r.r. | ir.r.r. |
| Leeming | 257 | 97071 | 06 | + | d. |
| Tynemouth | 262 | 97071 | 06 | + | ir. |
| Carlisle | 222 | 04071 | 05 | r.rr.r.r | r.rir. |
| Valley | 302 | 07071 | 06 | r.rr | ffd.d. |
| Ringway | 334 | 01061 | 05 | r.r.r | d.r.r. |
| Squires Gate | 318 | 05061 | 05 | r.rrd.r.R | r.r.d.d. |
| Ronaldsway | 204 | 01071 | 06 | r.r.drd.r.d.r. | r.rd. |
| Mull of Galloway | 131 | 95051 | | | |
| Eskdalemuir | 162 | 10051 | 04 | rr | rrd.r.id.pr. |
| Prestwick | 135 | 05071 | 06 | rrd.r.d.d. | d.d. |
| Abbotsinch | 140 | 04071 | 06 | r.rrr.r.d.r. | d.r.d.r.id. |
| Leuchars | 171 | 93061 | 05 | ir.r.r. | + |
| Dyce | 091 | 02051 | 04 | r.r.Rir. | pr. |
| Lerwick | 005 | 09052 | 05 | r.r.rr | r.r.ir. |
| Wick | 075 | 03062 | 05 | rrir.r.r. | ir.r.r. |
| Sule Skerry | 010 | 08062 | 06 | | |
| Cape Wrath | 049 | 11041 | 05 | rr | rr |
| Stornoway | 026 | 05061 | 04 | r.r.rrd.d. | d.d.id. |
| Benbecula | 022 | 04071 | 05 | rrdd | ir.pr. |
| Tiree | 100 | 03071 | 06 | rrr.drd.d. | d.d.id. |
| Aldergrove | 917 | 01071 | 07 | r.r.d.r.id. | id.d.d. |
| Malin | 980 | 01 | | | |
| Belmullet | 976 | 02 | | | |
| Birr | 965 | 01 | | | |
| Dublin | 969 | 97 | | | |
| Shannon | 962 | 01 | | | |
| Roches Point | 952 | 02 | | | |
| Valentia | 953 | 04 | | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$PP | $8N_Sc_Sh_Sh_S$ | $8N_Sc_Sh_Sh_S$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | | 99527 | 70355 | 08001 | 51110 | 98258 | 94106 | 58500 | 00812 | ///// | ///// | 05103 | 10682 | 3//03 | 22/06 |
| L | | 99570 | 70192 | 08004 | 72104 | 98031 | 06707 | 756// | 00239 | 87630 | ///// | 0//01 | 10959 | 30201 | 23904 |
| M | | 99658 | 10031 | 08004 | 81835 | 96636 | 98306 | 6732/ | 00721 | ///// | ///// | 00106 | 10570 | 30707 | ///// |
| R | | 99469 | 70173 | 08004 | 82722 | 96105 | 17411 | 861// | 00217 | 88702 | ///// | 0//11 | 11145 | 31008 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$PP | $8N_Sc_Sh_Sh_S$ | $8N_Sc_Sh_Sh_S$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | | 99527 | 70355 | 08061 | 61310 | 98018 | 89407 | 45550 | 00632 | ///// | ///// | 00104 | 10706 | 3//03 | 22/06 |
| L | | 99570 | 70192 | 08064 | 32119 | 97016 | 07608 | 15631 | 00302 | 81630 | 83075 | 0//07 | 10967 | 30404 | 99/04 |
| M | | 99654 | 10034 | 08064 | 81833 | 96636 | 94905 | 6732/ | 41726 | ///// | ///// | 05103 | 10561 | 30808 | ///// |
| R | | 99469 | 70171 | 08064 | 81806 | 96102 | 18111 | 862// | 00502 | 88706 | ///// | 0//11 | 1//// | 30000 | 22006 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42476

Date of Issue THURSDAY 9 MARCH 1978

## OBSERVATIONS at 12h. 8 MARCH 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82613 | 80202 | 15510 | 853// | 07306 | 81708 | 85612 | 88618 |
| Hurn | 862 | 82513 | 62215 | 16610 | 853// | 08400 | 82706 | 86708 | 88625 |
| Manston | 797 | 82514 | 59036 | 14410 | 854// | 08302 | 88612 | | |
| Gatwick | 776 | 82313 | 50506 | 14709 | 872// | 08001 | 86705 | 88707 | |
| Kew | 775 | 82613 | 72022 | 14811 | 854// | 08312 | 83615 | 88618 | |
| Heathrow | 772 | 82714 | 68602 | 14911 | 854// | 09311 | 88614 | | |
| Honington | 586 | 82415 | 59215 | 12310 | 854// | 07208 | 82613 | 84622 | 88628 |
| Wattisham | 590 | 82518 | 61016 | 12709 | 854// | 07010 | 83710 | 88624 | |
| Gorleston | 497 | 72518 | 58016 | 11209 | 755// | 07400 | 87625 | | |
| Aberporth | 502 | 73012 | 78035 | 17009 | 1844/ | 07226 | 81812 | 83359 | 85364 |
| Pilton | 628 | 52714 | 65015 | 15510 | 55330 | 09212 | 83706 | 84650 | |
| Rhoose | 715 | 82513 | 57106 | 16008 | 852// | 07110 | 83703 | 85705 | 88611 |
| Hartland Point | 703 | 72712 | 66026 | 18308 | 752// | 08114 | 83703 | 87625 | |
| Mount Batten | 827 | 73111 | 82026 | 18411 | 754// | 09113 | 81712 | 87615 | |
| St.Mawgan | 817 | 82909 | 04515 | 19208 | 870// | 08216 | 88700 | | |
| Scilly | 804 | 73212 | 70025 | 20010 | 5541/ | 09218 | 85614 | 87458 | |
| Culdrose | 809 | 83214 | 75205 | 19110 | 7521/ | 09212 | 83704 | 87616 | 88458 |
| Guernsey | 894 | 82415 | 14105 | 19708 | 860// | 08106 | 86700 | 88701 | |
| Elmdon | 534 | 72914 | 75026 | 13312 | 784// | 07320 | 82816 | 87620 | |
| Cardington | 559 | 82512 | 60502 | 13110 | 854// | 08316 | 81710 | 84620 | 88635 |
| Wittering | 462 | 72615 | 70506 | 11911 | 754// | 09213 | 84710 | 85616 | 87625 |
| Watnall | 354 | 82909 | 62215 | 12910 | 874// | 08328 | 88712 | | |
| Shawbury | 414 | 62918 | 82036 | 13515 | 68400 | 09225 | 82818 | 85622 | |
| Finningley | 360 | 73018 | 68216 | 11311 | 754// | 07327 | 83712 | 87615 | |
| Spurn Point | 396 | 82616 | 57216 | 09909 | 854// | 08216 | 84715 | 88625 | |
| Leeming | 257 | 73119 | 89025 | 10212 | 785// | 07230 | 86822 | | |
| Tynemouth | 262 | 73015 | 69606 | 09311 | 4557/ | 07237 | 84620 | 87358 | |
| Carlisle | 222 | 72908 | 82036 | 11310 | 784// | 06252 | 81815 | 87625 | |
| Valley | 302 | 73114 | 70205 | 16410 | 783// | 07231 | 81707 | 87640 | |
| Ringway | 334 | 83016 | 70036 | 13111 | 853// | 07335 | 85707 | 88612 | |
| Squires Gate | 318 | 33011 | 65015 | 13508 | 38400 | 07339 | 81816 | | |
| Ronaldsway | 204 | 13122 | 82016 | 13210 | 18400 | 04228 | 81715 | | |
| Mull of Galloway | 131 | 13425 | 80016 | 13209 | 12500 | 06239 | 81820 | | |
| Eskdalemuir | 162 | 53006 | 82028 | 11109 | 52500 | 05348 | 85822 | | |
| Prestwick | 135 | 12913 | 81011 | 13110 | 18500 | 05157 | 81822 | | |
| Abbotsinch | 140 | 12913 | 86025 | 11511 | 18500 | 04249 | 81824 | | |
| Leuchars | 171 | 12918 | 89011 | 09111 | 18502 | 01150 | 81828 | | |
| Dyce | 091 | 23025 | 86018 | 07609 | 28530 | 01245 | 81822 | | |
| Lerwick | 005 | 12930 | 68016 | 00506 | 18402 | 53256 | 81817 | | |
| Wick | 075 | 13029 | 80016 | 07008 | 18530 | 01241 | 81820 | | |
| Sule Skerry | 010 | 43225 | 60016 | 07807 | 45500 | 02248 | 84625 | | |
| Cape Wrath | 049 | 53220 | 66012 | 08807 | 45501 | 01234 | 84625 | | |
| Stornoway | 026 | 72916 | 81031 | 11808 | 756// | 01239 | 87630 | | |
| Benbecula | 022 | 72814 | 82038 | 13908 | 756// | 05247 | 87630 | | |
| Tiree | 100 | 23013 | 81011 | 14609 | 18502 | 03247 | 81820 | | |
| Aldergrove | 917 | 63209 | 83025 | 15909 | 68500 | 07239 | 83825 | 85630 | |
| Malin | 980 | 13014 | 83018 | 15909 | 15600 | 04234 | 81638 | | |
| Belmullet | 976 | 12904 | 80036 | 17311 | 16402 | 05111 | 81718 | | |
| Birr | 965 | 33407 | 82015 | 18011 | 32500 | 05220 | 83822 | | |
| Dublin | 969 | 42912 | 84018 | 16511 | 485// | 04130 | 82824 | 83645 | |
| Shannon | 962 | 52904 | 82026 | 19011 | 515// | 07122 | 85824 | | |
| Roches Point | 952 | 73309 | 75028 | 19610 | 784// | 07227 | 87817 | 83635 | |
| Valentia | 953 | 72806 | 81021 | 20011 | 785// | 08220 | 85820 | 87633 | |

## OBSERVATIONS at 18h. 8 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32906 | 68021 | 19111 | 15502 | 08324 | 81625 | 83075 | |
| Hurn | 862 | 22906 | 62031 | 19611 | 15602 | 08222 | 81630 | | |
| Manston | 797 | 33213 | 58015 | 17810 | 22531 | 06330 | 82820 | | |
| Gatwick | 776 | 42703 | 64025 | 18111 | 48501 | 08324 | 83824 | 83640 | |
| Kew | 775 | 33410 | 68016 | 18712 | 18501 | 07331 | 81820 | 83075 | |
| Heathrow | 772 | 43406 | 68016 | 18312 | 28501 | 08329 | 82824 | 83075 | |
| Honington | 586 | 73512 | 83026 | 18308 | 785// | 05352 | 86825 | | |
| Wattisham | 590 | 53516 | 82016 | 17808 | 55500 | 05344 | 85620 | | |
| Gorleston | 497 | 63412 | 66012 | 17908 | 655// | 05253 | 86625 | | |
| Aberporth | 502 | 33609 | 86031 | 20608 | 11502 | 05217 | 81820 | 83075 | |
| Pilton | 628 | 43507 | 82031 | 19911 | 15601 | 07232 | 81635 | 84078 | |
| Rhoose | 715 | 33404 | 83021 | 19610 | 18534 | 05226 | 81820 | 83075 | |
| Hartland Point | 703 | 62805 | 86032 | 20808 | 35574 | 07215 | 83620 | 84075 | |
| Mount Batten | 827 | 73308 | 75031 | 20611 | 25639 | 07212 | 82630 | 87180 | |
| St.Mawgan | 817 | 63005 | 81035 | 21308 | 12232 | 08214 | 81703 | 85366 | |
| Scilly | 804 | 43508 | 70031 | 21510 | 15502 | 08307 | 81621 | 84075 | |
| Culdrose | 809 | 73409 | 60022 | 21309 | 58309 | 08212 | 83709 | 83612 | 86170 |
| Guernsey | 894 | 72911 | 80015 | 21208 | 762// | 07211 | 84705 | 87706 | |
| Elmdon | 534 | 33413 | 75031 | 19209 | 14501 | 02234 | 81626 | 83075 | |
| Cardington | 559 | 32910 | 70025 | 18109 | 25602 | 05136 | 82635 | 83075 | |
| Wittering | 462 | 23111 | 81015 | 18209 | 18501 | 05241 | 81825 | | |
| Watnall | 354 | 12808 | 65028 | 18908 | 15601 | 04134 | 81630 | | |
| Shawbury | 414 | 33409 | 82028 | 20107 | 18502 | 03228 | 81825 | 83075 | |
| Finningley | 360 | 12809 | 62021 | 17710 | 15602 | 05238 | 81640 | | |
| Spurn Point | 396 | 53305 | 74031 | 17207 | 55600 | 05241 | 85630 | | |
| Leeming | 257 | 12806 | 84021 | 16910 | 15601 | 05232 | 81630 | | |
| Tynemouth | 262 | 11804 | 80026 | 16808 | 10930 | 04233 | 81358 | | |
| Carlisle | 222 | 22804 | 84031 | 17509 | 00902 | 04328 | 82075 | | |
| Valley | 302 | 53006 | 82021 | 20808 | 14601 | 05218 | 81630 | 85078 | |
| Ringway | 334 | 23108 | 70031 | 19408 | 14502 | 03232 | 81625 | | |
| Squires Gate | 318 | 22911 | 70020 | 19406 | 00901 | 04222 | 82075 | | |
| Ronaldsway | 204 | 63509 | 82031 | 19808 | 15604 | 02328 | 81640 | 86073 | |
| Mull of Galloway | 131 | 33518 | 80020 | 20206 | 15602 | 03228 | 81640 | 83075 | |
| Eskdalemuir | 162 | 12707 | 82031 | 17305 | 10932 | 01324 | 81365 | | |
| Prestwick | 135 | 43213 | 75030 | 19007 | 15501 | 02222 | 81625 | 84075 | |
| Abbotsinch | 140 | 32812 | 86030 | 17507 | 18504 | 02328 | 81824 | 83072 | |
| Leuchars | 171 | 13111 | 86020 | 15709 | 10942 | 00233 | 81360 | | |
| Dyce | 091 | 12607 | 84020 | 14707 | 18502 | 01231 | 81825 | | |
| Lerwick | 005 | 62826 | 65258 | 08706 | 68401 | 00237 | 82818 | 85625 | |
| Wick | 075 | 52820 | 81258 | 13805 | 38432 | 02223 | 81818 | 83075 | |
| Sule Skerry | 010 | 73220 | 74808 | 13707 | 32434 | 02229 | 83815 | 87070 | |
| Cape Wrath | 049 | 72720 | 80808 | 14406 | 784// | 03220 | 84815 | 87620 | |
| Stornoway | 026 | 72509 | 80032 | 16807 | 6853/ | 02126 | 81820 | 83625 | 86635 |
| Benbecula | 022 | 72207 | 82022 | 17707 | 756// | 06219 | 87630 | | |
| Tiree | 100 | 72910 | 84031 | 18807 | 756// | 03221 | 87633 | | |
| Aldergrove | 917 | 53507 | 80021 | 20507 | 35601 | 02226 | 83635 | 84075 | |
| Malin | 980 | 22609 | 82030 | 19906 | 00902 | 03218 | 82075 | | |
| Belmullet | 976 | 70000 | 80031 | 20009 | 16536 | 07105 | 81720 | 86274 | |
| Birr | 965 | 60000 | 81021 | 21110 | 35602 | 06217 | 83632 | 84070 | |
| Dublin | 969 | 72903 | 84021 | 20411 | 14536 | 04217 | 81628 | 87270 | |
| Shannon | 962 | 73203 | 83022 | 21210 | 25646 | 07311 | 82630 | 83362 | 85270 |
| Roches Point | 952 | 71603 | 70032 | 20810 | 15671 | 07209 | 81635 | 84460 | 87070 |
| Valentia | 953 | 72603 | 83022 | 20609 | 25670 | 07304 | 82638 | 87360 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97131 | 026 | d. | + |
| Hurn | 862 | 97131 | 025 | r. | + |
| Manston | 797 | 97120 | 009 | id. | + |
| Gatwick | 776 | 97131 | 008 | d. | + |
| Kew | 775 | 97141 | 007 | r. | + |
| Heathrow | 772 | 97141 | 010 | r. | + |
| Honington | 586 | 97121 | 013 | r.d. | d. |
| Wattisham | 590 | 97121 | 019 | r. | r. |
| Gorleston | 497 | | 017 | | |
| Aberporth | 502 | 00101 | 073 | + | + |
| Pilton | 628 | 97131 | 048 | d. | + |
| Rhoose | 715 | 97121 | 037 | d.r.d. | + |
| Hartland Point | 703 | 97090 | 049 | | |
| Mount Batten | 827 | 91111 | 008 | d.d.ir. | + |
| St.Mawgan | 817 | 93111 | 013 | d.d.ff | + |
| Scilly | 804 | 97131 | 055 | id. | + |
| Culdrose | 809 | 97101 | 017 | id. | f |
| Guernsey | 894 | 97091 | 000 | id.ff | + |
| Elmdon | 534 | 97131 | 038 | r. | + |
| Cardington | 559 | 97131 | 025 | d. | + |
| Wittering | 462 | 97121 | 019 | d.r.d. | + |
| Watnall | 354 | 93111 | 036 | r.r.pr. | + |
| Shawbury | 414 | 97151 | 051 | ir.pr. | + |
| Finningley | 360 | 91131 | 031 | d.r.-r. | + |
| Spurn Point | 396 | | | ir.-ir. | + |
| Leeming | 257 | 00141 | 046 | + | + |
| Tynemouth | 262 | 91111 | 046 | ir. | + |
| Carlisle | 222 | 00131 | 060 | + | + |
| Valley | 302 | 97111 | 062 | id. | + |
| Ringway | 334 | 00111 | 045 | + | + |
| Squires Gate | 318 | 97091 | 065 | d. | + |
| Ronaldsway | 204 | 91111 | 075 | d.ir. | + |
| Mull of Galloway | 131 | 00101 | | | |
| Eskdalemuir | 162 | 97121 | 065 | pr. | + |
| Prestwick | 135 | 00111 | 085 | + | + |
| Abbotsinch | 140 | 00111 | 084 | + | + |
| Leuchars | 171 | 00141 | 082 | jp | + |
| Dyce | 091 | 97101 | 078 | pr. | + |
| Lerwick | 005 | 91071 | 026 | ir. | pr. |
| Wick | 075 | 97091 | 059 | pr. | pr. |
| Sule Skerry | 010 | 97071 | | | |
| Cape Wrath | 049 | 97071 | 005 | + | pr. |
| Stornoway | 026 | 00081 | 031 | + | + |
| Benbecula | 022 | 00091 | 027 | + | + |
| Tiree | 100 | 00091 | 043 | jp | + |
| Aldergrove | 917 | 00111 | 069 | + | + |
| Malin | 980 | 9109 | 080 | | |
| Belmullet | 976 | 9711 | 073 | | |
| Birr | 965 | 9713 | 060 | | |
| Dublin | 969 | 9712 | 075 | | |
| Shannon | 962 | 9713 | 035 | | |
| Roches Point | 952 | 9712 | 050 | | |
| Valentia | 953 | 0011 | 030 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

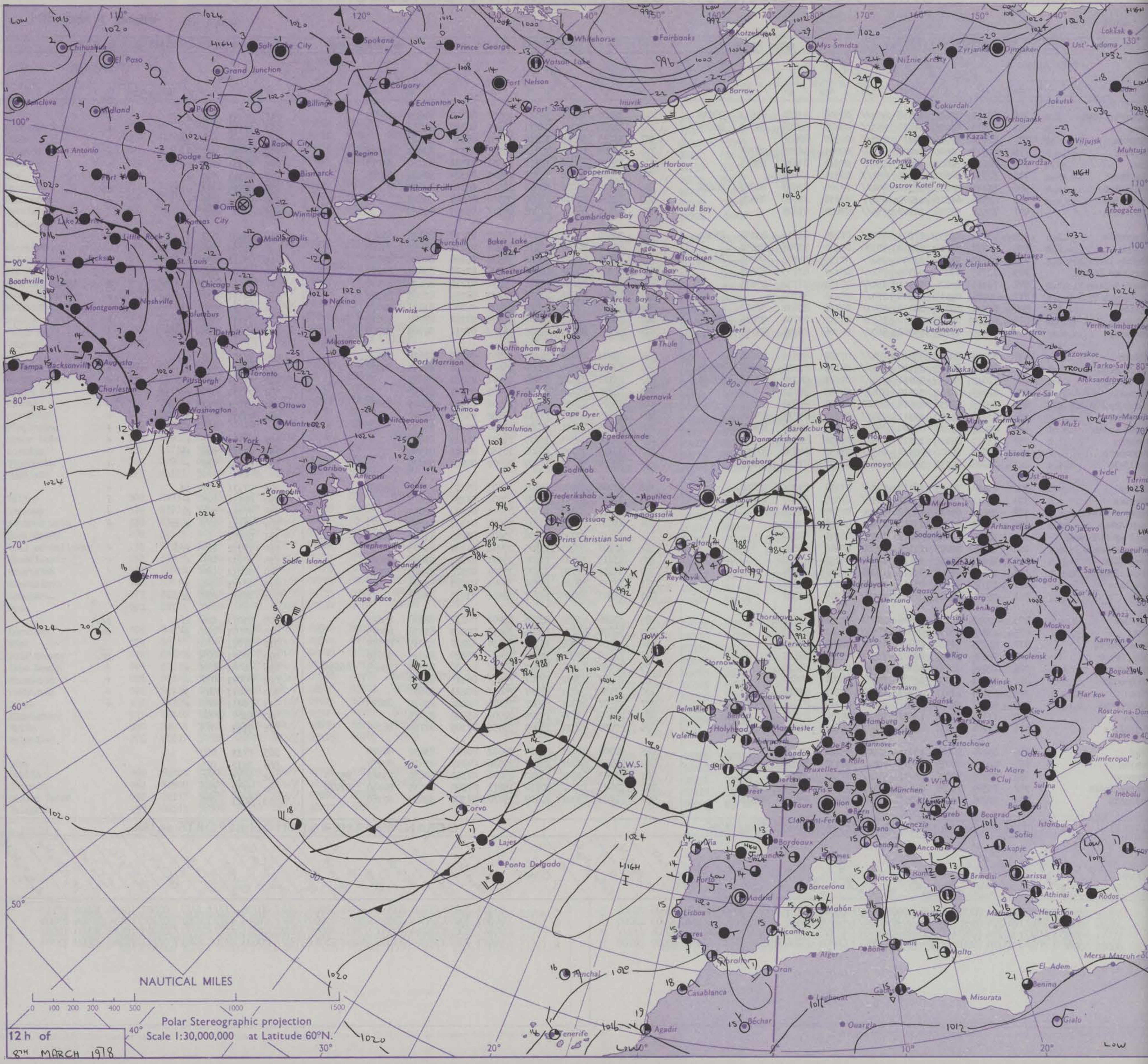
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 08121 | 81315 | 96638 | 80608 | 8742/ | 00743 | ///// | ///// | 00408 | 10678 | 30605 | 22006 |
| | 99570 | 70193 | 08124 | 71918 | 97031 | 09909 | 1547/ | 51106 | 81618 | 84360 | 0//07 | 10946 | 30403 | 23005 |
| | 99650 | 10035 | 08124 | 81837 | 96636 | 90904 | 6732/ | 41723 | ///// | ///// | 05303 | 10637 | 30808 | ///// |
| | 99470 | 70170 | 08124 | 81519 | 97216 | 17511 | 762// | 00808 | 83704 | 85620 | 0//11 | 11167 | 30602 | 26208 |

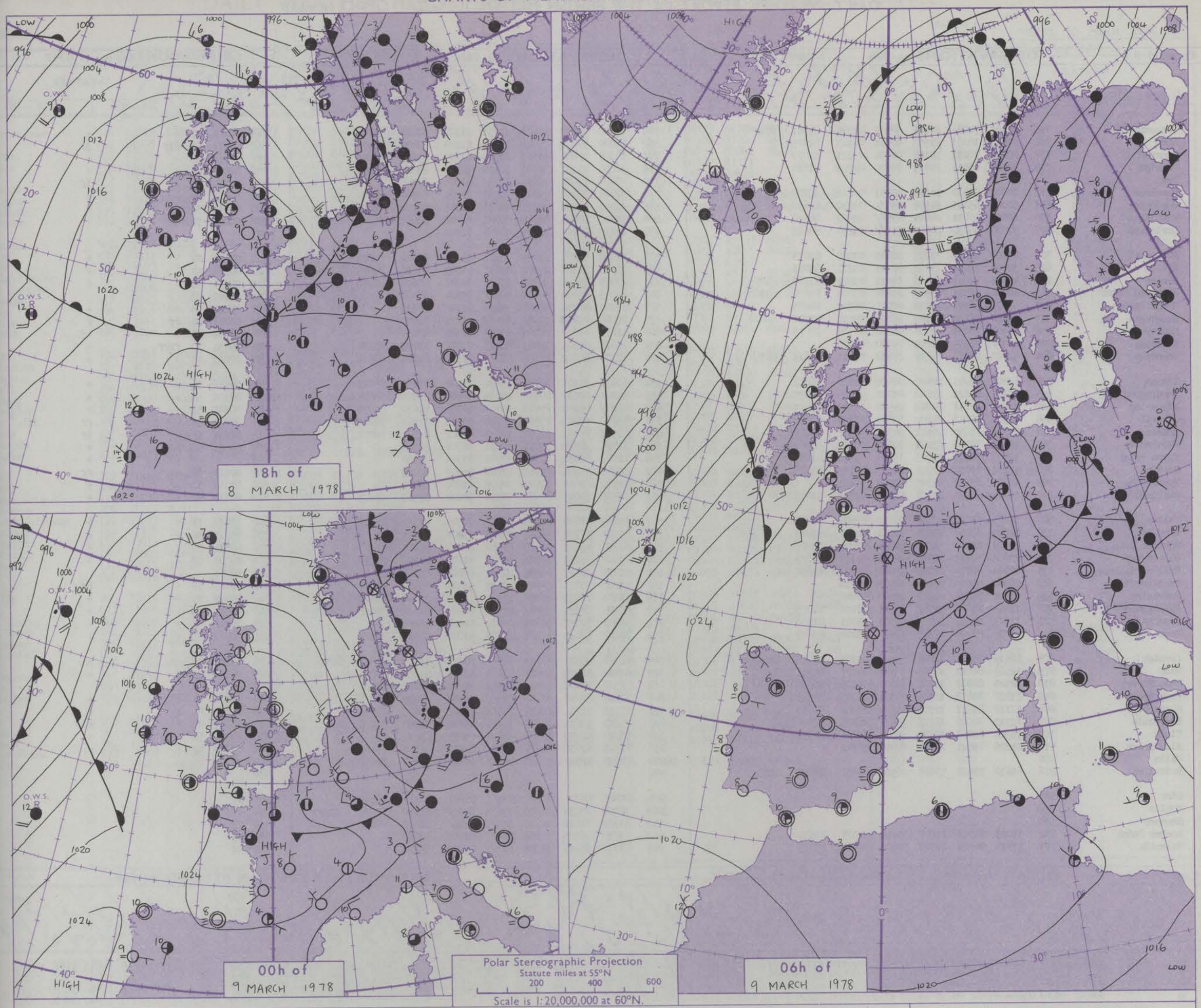
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 08181 | 81513 | 96616 | 70908 | 8742/ | 00736 | ///// | ///// | 00307 | 10630 | 30606 | 12110 |
| | 99569 | 70197 | 08184 | 72021 | 97031 | 07209 | 754// | 61616 | 85710 | 87620 | 0//08 | 10954 | 30404 | 23005 |
| | 99645 | 10038 | 08184 | 62531 | 97606 | 90004 | 57320 | 41311 | ///// | ///// | 05403 | 10656 | 30403 | 18807 |
| | 99471 | 70170 | 08184 | 71818 | 96286 | 15011 | 753// | 00603 | 81706 | 87615 | 0//11 | 11146 | 30602 | 25106 |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday THURSDAY 9 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a cold front over western districts of England moved away southeast as a ridge of high pressure moved eastwards over the British Isles.

During the next 24 hours the ridge of high pressure over eastern districts is expected to continue moving away as a trough of low pressure moves east over all parts of the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 9 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 70403 | 74031 | 24606 | 50938 | 02224 | 85361 | 87275 | |
| Hurn | 862 | 20000 | 10281 | 24502 | 00901 | 02123 | 82075 | | |
| Manston | 797 | 20706 | 70031 | 24106 | 00904 | 03221 | 82075 | | |
| Gatwick | 776 | 10000 | 60011 | 24003 | 15600 | 02223 | 81630 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 20000 | 58010 | 24205 | 00901 | 03216 | 82075 | | |
| Honington | 586 | 80000 | 65031 | 24504 | 856// | 03230 | 88632 | | |
| Wattisham | 590 | 60000 | 80031 | 24404 | 655// | 03229 | 86628 | | |
| Gorleston | 497 | 82908 | 66032 | 24605 | 855// | 03239 | 88625 | | |
| Aberporth | 502 | 21607 | 81030 | 23205 | 00901 | 03007 | 82075 | | |
| Filton | 628 | 30000 | 72021 | 25005 | 00901 | 03221 | 83075 | | |
| Rhoose | 715 | 40804 | 75011 | 24305 | 10931 | 03222 | 81360 | 84075 | |
| Hartland Point | 703 | 40000 | 86031 | 23907 | 25530 | 05009 | 82620 | 83360 | |
| Mount Batten | 827 | 63002 | 56101 | 24306 | 00901 | 06214 | 86075 | | |
| St.Mawgan | 817 | 70000 | 08424 | 24105 | 36002 | 05010 | 82700 | 86070 | |
| Scilly | 804 | 50000 | 70031 | 23807 | 00902 | 07106 | 85075 | | |
| Culdrose | 809 | 00307 | 56284 | 24205 | 00900 | 05006 | | | |
| Guernsey | 894 | 52707 | 80012 | 24707 | 25432 | 07211 | 82618 | 84360 | |
| Elmdon | 534 | 62804 | 59041 | 24602 | 00902 | 01320 | 86072 | | |
| Cardington | 559 | 12704 | 64021 | 23802 | 00902 | 02218 | 81075 | | |
| Wittering | 462 | 21903 | 62011 | 24203 | 25500 | 02322 | 82625 | | |
| Watnall | 354 | 10000 | 40040 | 24402 | 10940 | 01324 | 81360 | | |
| Shawbury | 414 | 42602 | 75030 | 24601 | 00902 | 00319 | 84072 | | |
| Finningley | 360 | 13003 | 50040 | 23204 | 10930 | 00124 | 81360 | | |
| Spurn Point | 396 | 10000 | 70011 | 23005 | 15600 | 03226 | 81635 | | |
| Leeming | 257 | 12202 | 80030 | 22702 | 00901 | 01122 | 81075 | | |
| Tynemouth | 262 | 02609 | 69020 | 22305 | 00900 | 01222 | | | |
| Carlisle | 222 | 12003 | 68020 | 22102 | 00901 | 01109 | 81075 | | |
| Valley | 302 | 31105 | 75031 | 23704 | 00902 | 02109 | 83075 | | |
| Ringway | 334 | 32004 | 62030 | 23504 | 00901 | 02210 | 83075 | | |
| Squires Gate | 318 | 22608 | 65030 | 22804 | 00901 | 03009 | 82075 | | |
| Ronaldsway | 204 | 33602 | 80031 | 22903 | 00901 | 51112 | 83073 | | |
| Mull of Galloway | 131 | 10000 | 80010 | 22704 | 15600 | 03108 | 81630 | | |
| Eskdalemuir | 162 | 00000 | 80020 | 22401 | 00900 | 52210 | | | |
| Prestwick | 135 | 01504 | 75020 | 21801 | 00900 | 50000 | | | |
| Abbotsinch | 140 | 11402 | 75020 | 21402 | 00901 | 00110 | 81075 | | |
| Leuchars | 171 | 12309 | 82010 | 20202 | 00902 | 51011 | 81080 | | |
| Dyce | 091 | 11703 | 82020 | 19702 | 15640 | 51216 | 81635 | | |
| Lerwick | 005 | 72419 | 75021 | 12006 | 784// | 05107 | 83818 | 86640 | |
| Wick | 075 | 12509 | 80021 | 17103 | 10930 | 01007 | 81359 | | |
| Sule Skerry | 010 | 32524 | 80038 | 15707 | 35600 | 04105 | 83630 | | |
| Cape Wrath | 049 | 21820 | 80018 | 16306 | 25500 | 05207 | 82625 | | |
| Stornoway | 026 | 12112 | 81011 | 17306 | 15600 | 03804 | 81635 | | |
| Benbecula | 022 | 71910 | 80022 | 18207 | 755// | 06705 | 87620 | | |
| Tiree | 100 | 11708 | 82011 | 19505 | 15600 | 04806 | 81630 | | |
| Aldergrove | 917 | 01206 | 75021 | 22302 | 00900 | 51502 | | | |
| Malin | 980 | | | | | | | | |
| Belmullet | 976 | 61610 | 78022 | 19008 | 16506 | 05702 | 81720 | 86272 | |
| Birr | 965 | | | | | | | | |
| Dublin | 969 | | | | | | | | |
| Shannon | 962 | | | | | | | | |
| Roches Point | 952 | 11003 | 70011 | 22607 | 15602 | 07003 | 81631 | | |
| Valentia | 953 | 51715 | 80021 | 20709 | 00902 | 06702 | 85075 | | |

**OBSERVATIONS at 06h.** 9 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71306 | 62022 | 25602 | 15531 | 01302 | 81625 | 86362 | |
| Hurn | 862 | 60000 | 30104 | 25801 | 15601 | 01203 | 81630 | 86075 | |
| Manston | 797 | 31608 | 70031 | 26701 | 10944 | 01209 | 81362 | 83075 | |
| Gatwick | 776 | 60000 | 28101 | 26400 | 30954 | 50303 | 83365 | 86075 | |
| Kew | 775 | 70000 | 03414 | 26051 | 7093/ | 51304 | 87368 | | |
| Heathrow | 772 | 50000 | 35101 | 25902 | 20932 | 02304 | 82362 | 85070 | |
| Honington | 586 | 31805 | 58031 | 25803 | 10931 | 01304 | 81364 | 83075 | |
| Wattisham | 590 | 31910 | 58021 | 26004 | 00902 | 02308 | 83075 | | |
| Gorleston | 497 | 02210 | 66021 | 26005 | 00900 | 02209 | | | |
| Aberporth | 502 | 31614 | 65021 | 23404 | 10932 | 03501 | 81360 | 83075 | |
| Filton | 628 | 61306 | 58101 | 25302 | 15632 | 01803 | 81636 | 86075 | |
| Rhoose | 715 | 70903 | 64031 | 24904 | 55532 | 03502 | 85620 | 87072 | |
| Hartland Point | 703 | 61805 | 66021 | 24107 | 6092/ | 05504 | 86460 | | |
| Mount Batten | 827 | 81408 | 57052 | 24908 | 854// | 07302 | 88616 | | |
| St.Mawgan | 817 | 71908 | 02464 | 24506 | 760// | 06301 | 86700 | | |
| Scilly | 804 | 81711 | 66021 | 24208 | 854// | 07304 | 88610 | | |
| Culdrose | 809 | 81607 | 62101 | 24407 | 862// | 07501 | 83705 | 88707 | |
| Guernsey | 894 | 82104 | 66022 | 26108 | 852// | 07308 | 82704 | 87612 | |
| Elmdon | 534 | 61801 | 59101 | 25500 | 10934 | 51304 | 81362 | 85075 | |
| Cardington | 559 | 42204 | 40110 | 25350 | 20934 | 50304 | 82365 | 83075 | |
| Wittering | 462 | 52105 | 45101 | 25400 | 15601 | 50303 | 81630 | 85075 | |
| Watnall | 354 | 72207 | 05461 | 25001 | 10944 | 00301 | 81362 | 87075 | |
| Shawbury | 414 | 61502 | 75111 | 24601 | 10932 | 00601 | 81362 | 86072 | |
| Finningley | 360 | 31806 | 20100 | 23951 | 10931 | 51304 | 81365 | | |
| Spurn Point | 396 | 11909 | 68030 | 24304 | 10970 | 03304 | 81360 | | |
| Leeming | 257 | 21002 | 05444 | 23351 | 00901 | 51302 | 82075 | | |
| Tynemouth | 262 | 52302 | 61021 | 22602 | 00906 | 01804 | 85075 | | |
| Carlisle | 222 | 71503 | 63031 | 23000 | 20934 | 50208 | 82360 | 87073 | |
| Valley | 302 | 51815 | 80031 | 23306 | 10936 | 04505 | 81362 | 85075 | |
| Ringway | 334 | 41707 | 57030 | 24202 | 00901 | 01004 | 84075 | | |
| Squires Gate | 318 | 61006 | 45101 | 23500 | 00902 | 00000 | 86075 | | |
| Ronaldsway | 204 | 70202 | 75031 | 22802 | 10936 | 01605 | 81360 | 87270 | |
| Mull of Galloway | 131 | 22015 | 80030 | 21905 | 20932 | 05702 | 82360 | | |
| Eskdalemuir | 162 | 72202 | 70021 | 23653 | 30938 | 55205 | 83360 | 87272 | |
| Prestwick | 135 | 41206 | 75031 | 22000 | 10941 | 51500 | 81360 | 84075 | |
| Abbotsinch | 140 | 60000 | 62021 | 22100 | 45531 | 50004 | 81620 | 84650 | 85075 |
| Leuchars | 171 | 62307 | 80031 | 20901 | 00902 | 51204 | 86075 | | |
| Dyce | 091 | 70202 | 82031 | 18901 | 25634 | 51607 | 82630 | 87075 | |
| Lerwick | 005 | 72520 | 58028 | 14107 | 782// | 06212 | 81704 | 84817 | 86640 |
| Wick | 075 | 62902 | 81031 | 18603 | 30932 | 50209 | 83359 | 85075 | |
| Sule Skerry | 010 | 72520 | 74031 | 17407 | 3557/ | 04205 | 83625 | 87360 | |
| Cape Wrath | 049 | 72318 | 84031 | 16706 | 755// | 03304 | 87625 | | |
| Stornoway | 026 | 72018 | 81011 | 17406 | 755// | 04802 | 84625 | 87635 | |
| Benbecula | 022 | 71613 | 82031 | 16506 | 30976 | 05714 | 83360 | 87270 | |
| Tiree | 100 | 31720 | 82030 | 17806 | 35600 | 05815 | 83630 | | |
| Aldergrove | 917 | 71706 | 62031 | 20805 | 7097/ | 02712 | 84360 | 87462 | |
| Malin | 980 | 71620 | 82021 | 18208 | 3577/ | 04715 | 83650 | 87462 | |
| Belmullet | 976 | | | | | | | | |
| Birr | 965 | 81708 | 70031 | 20108 | 854// | 06704 | 82717 | 88632 | |
| Dublin | 969 | 70000 | 75031 | 21006 | 15636 | 04810 | 81630 | 85362 | 87270 |
| Shannon | 962 | 81612 | 70616 | 19308 | 6567/ | 07710 | 86640 | 88458 | |
| Roches Point | 952 | 81714 | 56505 | 21808 | 863// | 07505 | 88706 | | |
| Valentia | 953 | 81715 | 65616 | 18809 | 863// | 08608 | 88708 | | |

**OBSERVATIONS during NIGHT**

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00021 | 53 | + | + |
| Hurn | 862 | 00511 | 53 | f1f | 1f |
| Manston | 797 | 97010 | 52 | + | + |
| Gatwick | 776 | 00511 | 56 | + | + |
| Kew | 775 | 00521 | 57 | 1f | 1f |
| Heathrow | 772 | 00011 | 54 | + | + |
| Honington | 586 | 00011 | 53 | + | + |
| Wattisham | 590 | 00021 | 52 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00031 | 01 | + | + |
| Filton | 628 | 00021 | 53 | + | + |
| Rhoose | 715 | 00031 | 51 | + | + |
| Hartland Point | 703 | 00060 | 03 | | |
| Mount Batten | 827 | 00051 | 03 | + | + |
| St.Mawgan | 817 | 00041 | 01 | ff | f |
| Scilly | 804 | 97061 | 03 | + | 1d. |
| Culdrose | 809 | 00031 | 50 | FFff | + |
| Guernsey | 894 | 00061 | 03 | + | + |
| Elmdon | 534 | 00511 | 56 | + | + |
| Cardington | 559 | 00511 | 55 | + | + |
| Wittering | 462 | 00501 | 53 | + | + |
| Watnall | 354 | 97001 | 52 | + | ff |
| Shawbury | 414 | 00531 | 57 | + | 1f |
| Finningley | 360 | 00521 | 55 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00511 | 57 | + | ff |
| Tynemouth | 262 | 00011 | 51 | + | + |
| Carlisle | 222 | 00513 | 57 | + | + |
| Valley | 302 | 00031 | 51 | + | + |
| Ringway | 334 | 00011 | 54 | + | + |
| Squires Gate | 318 | 00501 | 53 | + | + |
| Ronaldsway | 204 | 00001 | 53 | + | + |
| Mull of Galloway | 131 | 00031 | | | |
| Eskdalemuir | 162 | 00543 | 56 | + | f |
| Prestwick | 135 | 00511 | 55 | + | + |
| Abbotsinch | 140 | 00513 | 58 | + | + |
| Leuchars | 171 | 00511 | 53 | + | + |
| Dyce | 091 | 00501 | 55 | + | + |
| Lerwick | 005 | 95051 | 03 | pr. | pr. |
| Wick | 075 | 00010 | 53 | + | + |
| Sule Skerry | 010 | 00061 | 05 | | |
| Cape Wrath | 049 | 00041 | 04 | + | + |
| Stornoway | 026 | 00031 | 01 | + | + |
| Benbecula | 022 | 97031 | 00 | + | r. |
| Tiree | 100 | 00041 | 50 | + | + |
| Aldergrove | 917 | 97011 | 52 | + | r. |
| Malin | 980 | 97 | | | |
| Belmullet | 976 | | | | |
| Birr | 965 | 97 | | | |
| Dublin | 969 | 97 | | | |
| Shannon | 962 | 97 | | | |
| Roches Point | 952 | 97 | | | |
| Valentia | 953 | 01 | | | |

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 09001 | 82116 | 98028 | 72904 | 885// | 00126 | ///// | ///// | 05451 | 10676 | 3//09 | 13/10 |
| | 99570 | 70196 | 09004 | 81421 | 96602 | 02109 | 873// | 00836 | 83708 | 88712 | 0//09 | 10952 | 30404 | 23007 |
| | 99645 | 10040 | 09004 | 82739 | 96626 | 94903 | 6732/ | 00226 | ///// | ///// | 05601 | 10633 | 30808 | ///// |
| | 99470 | 70170 | 09004 | 81922 | 96026 | 14712 | 862// | 00810 | 88704 | ///// | 0//12 | 11161 | 30605 | 25106 |

**OCEAN WEATHER STATION REPORTS at 06h.**

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 09061 | 52325 | 97018 | 71104 | 52500 | 00504 | ///// | ///// | 05501 | 10663 | 3//14 | ///// |
| | 99570 | 70197 | 09064 | 82022 | 97616 | 95810 | 873// | 00612 | 88707 | ///// | 0//10 | 10952 | 30404 | 23007 |
| | 99645 | 10040 | 09064 | 82736 | 97606 | 99503 | 6731/ | 00227 | ///// | ///// | 05550 | 10648 | 31010 | ///// |
| | 99471 | 70170 | 09064 | 71924 | 97022 | 14112 | 755// | 00504 | 87620 | ///// | 0//11 | 11140 | 30806 | 25005 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42477

Date of Issue FRIDAY 10 MARCH 1978


## OBSERVATIONS at 12h. 9 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82012 | 58052 | 27209 | 853// | 07108 | 83708 | 88616 | |
| Hurn | 862 | 81908 | 62024 | 27910 | 854// | 07210 | 83612 | 88620 | |
| Manston | 797 | 72116 | 65031 | 28311 | 11408 | 05002 | 81818 | 87275 | |
| Gatwick | 776 | 81606 | 30102 | 28608 | 862// | 07209 | 88703 | | |
| Kew | 775 | 72010 | 60034 | 27811 | 763// | 07306 | 83708 | 85712 | |
| Heathrow | 772 | 71911 | 58052 | 27810 | 763// | 08308 | 87707 | | |
| Honington | 586 | 71913 | 67021 | 26811 | 20932 | 04801 | 82362 | 87073 | |
| Wattisham | 590 | 72013 | 75021 | 27111 | 10938 | 05801 | 81362 | 87275 | |
| Gorleston | 497 | 72017 | 66021 | 27210 | 50912 | 03803 | 85458 | 86075 | |
| Aberporth | 502 | 71917 | 60051 | 24509 | 663/6 | 07111 | 86707 | 87275 | |
| Filton | 628 | 72411 | 65032 | 26711 | 755// | 07206 | 87620 | | |
| Rhoose | 715 | 72103 | 59052 | 26610 | 754// | 06210 | 87617 | | |
| Hartland Point | 703 | 72308 | 66012 | 26308 | 754// | 07113 | 82712 | 87635 | |
| Mount Batten | 827 | 82106 | 61052 | 27309 | 854// | 07211 | 82710 | 88615 | |
| St.Mawgan | 817 | 81813 | 57024 | 26508 | 862// | 07011 | 85704 | 88705 | |
| Scilly | 804 | 91911 | 04475 | 25710 | 9//// | 09208 | 89/00 | | |
| Culdrose | 809 | 81911 | 57052 | 26809 | 862// | 08009 | 81704 | 84706 | 88710 |
| Guernsey | 894 | 71708 | 57012 | 28509 | 750// | 03209 | 83701 | 85702 | 87618 |
| Elmdon | 534 | 82212 | 59042 | 25810 | 18477 | 05002 | 81818 | 88270 | |
| Cardington | 559 | 72110 | 59051 | 26612 | 45678 | 07400 | 84645 | 85359 | 87275 |
| Wittering | 462 | 72113 | 57052 | 26010 | 45606 | 07801 | 84630 | 87275 | |
| Watnall | 354 | 82009 | 50054 | 25509 | 00907 | 05801 | 88270 | | |
| Shawbury | 414 | 71807 | 64044 | 24910 | 20972 | 05000 | 82362 | 86466 | |
| Finningley | 360 | 82114 | 61021 | 24610 | 00907 | 04802 | 88275 | | |
| Spurn Point | 396 | 72010 | 60021 | 25108 | 50971 | 05302 | 85360 | 87075 | |
| Leeming | 257 | 72308 | 65024 | 23110 | 35632 | 05804 | 83640 | 87070 | |
| Tynemouth | 262 | 70000 | 48052 | 22707 | 00906 | 03602 | 87075 | | |
| Carlisle | 222 | 82803 | 70032 | 23008 | 1557/ | 04503 | 81625 | 85362 | 88466 |
| Valley | 302 | 71818 | 66602 | 24108 | 1537/ | 06005 | 81708 | 87463 | |
| Ringway | 334 | 72112 | 58021 | 24708 | 30938 | 03201 | 82364 | 87272 | |
| Squires Gate | 318 | 71707 | 45042 | 24308 | 60958 | 05202 | 85359 | 87272 | |
| Ronaldsway | 204 | 71909 | 62212 | 22908 | 2533/ | 06001 | 81709 | 87360 | |
| Mull of Galloway | 131 | 82023 | 59616 | 21207 | 4552/ | 07000 | 84625 | 88460 | |
| Eskdalemuir | 162 | 81910 | 50054 | 22905 | 4631/ | 03301 | 84708 | 88462 | |
| Prestwick | 135 | 82010 | 70601 | 21108 | 1557/ | 05301 | 81620 | 85360 | 88463 |
| Abbotsinch | 140 | 80602 | 60602 | 21106 | 3557/ | 03301 | 83625 | 85362 | 88465 |
| Leuchars | 171 | 72612 | 70012 | 20407 | 2577/ | 02400 | 82650 | 83362 | 87464 |
| Dyce | 091 | 83202 | 62052 | 18507 | 15777 | 01500 | 81650 | 86464 | 88270 |
| Lerwick | 005 | 72515 | 68032 | 16207 | 753// | 05211 | 85709 | 86630 | |
| Wick | 075 | 81608 | 82022 | 18006 | 15637 | 03400 | 81640 | 84360 | 88270 |
| Sule Skerry | 010 | 81610 | 81022 | 17307 | 15577 | 04101 | 81625 | 88270 | |
| Cape Wrath | 049 | 82315 | 82022 | 16108 | 5551/ | 03803 | 85625 | 88460 | |
| Stornoway | 026 | 81917 | 66616 | 15607 | 6547/ | 05809 | 81618 | 86645 | 87359 |
| Benbecula | 022 | 81720 | 58636 | 14807 | 853// | 07707 | 82706 | 85614 | 88630 |
| Tiree | 100 | 81721 | 50636 | 16607 | 6532/ | 06806 | 82707 | 86617 | 88550 |
| Aldergrove | 917 | 81811 | 58636 | 20108 | 6542/ | 07000 | 84617 | 86645 | 88460 |
| Malin | 980 | 81918 | 70606 | 17208 | 5542/ | 07101 | 82716 | 85648 | 88458 |
| Belmullet | 976 | 81817 | 25586 | 16209 | 872// | 09303 | 83703 | 87709 | |
| Birr | 965 | 81709 | 75216 | 20509 | 7547/ | 09202 | 81716 | 87633 | 88460 |
| Dublin | 969 | 80000 | 62606 | 20809 | 2562/ | 07001 | 82640 | 88459 | |
| Shannon | 962 | 71709 | 82026 | 20211 | 7537/ | 09207 | 81709 | 83625 | 86640 |
| Roches Point | 952 | 81507 | 12584 | 22309 | 871// | 08702 | 88702 | | |
| Valentia | 953 | 81815 | 40616 | 19811 | 862// | 10308 | 88705 | | |

## OBSERVATIONS at 18h. 9 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82110 | 65022 | 27007 | 853// | 06203 | 86709 | 88611 | |
| Hurn | 862 | 82006 | 40052 | 27808 | 863// | 07303 | 85706 | 88710 | |
| Manston | 797 | 82113 | 56052 | 27308 | 30977 | 06501 | 83362 | 88270 | |
| Gatwick | 776 | 72107 | 62012 | 27308 | 764// | 06500 | 87711 | | |
| Kew | 775 | 82109 | 60032 | 26709 | 854// | 06501 | 88618 | | |
| Heathrow | 772 | 72107 | 62012 | 26510 | 754/2 | 07502 | 87617 | | |
| Honington | 586 | 82312 | 58052 | 25910 | 55537 | 06306 | 85625 | 85362 | 88270 |
| Wattisham | 590 | 82309 | 60022 | 26209 | 5557/ | 06302 | 85620 | 86360 | 88465 |
| Gorleston | 497 | 82210 | 48032 | 26011 | 855// | 06400 | 88620 | | |
| Aberporth | 502 | 81817 | 50586 | 24607 | 6722/ | 07307 | 85703 | 88458 | |
| Filton | 628 | 82107 | 56592 | 26709 | 3552/ | 08303 | 82625 | 88459 | |
| Rhoose | 715 | 73202 | 61216 | 26209 | 70971 | 07303 | 87462 | | |
| Hartland Point | 703 | 82312 | 60022 | 25609 | 5647/ | 06702 | 85715 | 83360 | |
| Mount Batten | 827 | 81706 | 22216 | 27109 | 860// | 08500 | 85700 | 88702 | |
| St.Mawgan | 817 | 81712 | 02506 | 26709 | 870// | 09305 | 88700 | | |
| Scilly | 804 | 92113 | 02454 | 26210 | 9//// | 10308 | 89/00 | | |
| Culdrose | 809 | 92210 | 01475 | 26809 | 9//// | 09306 | 89/00 | | |
| Guernsey | 894 | 81906 | 80022 | 28610 | 884// | 07303 | 82814 | 88619 | |
| Elmdon | 534 | 82108 | 50612 | 25209 | 2547/ | 07302 | 81614 | 88462 | |
| Cardington | 559 | 72310 | 57052 | 25810 | 35538 | 06301 | 83620 | 85362 | 87278 |
| Wittering | 462 | 82210 | 57602 | 25109 | 3562/ | 07103 | 83630 | 88462 | |
| Watnall | 354 | 82106 | 35606 | 24809 | 8092/ | 07304 | 88459 | | |
| Shawbury | 414 | 71808 | 59216 | 24709 | 1567/ | 07304 | 81645 | 83360 | 87364 |
| Finningley | 360 | 82007 | 35636 | 23809 | 6562/ | 07205 | 81630 | 86645 | 88459 |
| Spurn Point | 396 | 82307 | 56606 | 23809 | 4567/ | 07305 | 84630 | 88460 | |
| Leeming | 257 | 82011 | 50216 | 22708 | 8097/ | 06400 | 85363 | 88465 | |
| Tynemouth | 262 | 82303 | 56616 | 22008 | 5367/ | 07303 | 85930 | 88358 | |
| Carlisle | 222 | 82106 | 58616 | 21708 | 7547/ | 07303 | 82714 | 85620 | 86640 |
| Valley | 302 | 81820 | 60216 | 24408 | 872// | 07309 | 88704 | | |
| Ringway | 334 | 82109 | 50586 | 23909 | 5552/ | 08303 | 85622 | 88540 | |
| Squires Gate | 318 | 82107 | 20596 | 23607 | 853// | 07204 | 85708 | 88615 | |
| Ronaldsway | 204 | 82309 | 58606 | 22707 | 871// | 07305 | 82702 | 88703 | |
| Mull of Galloway | 131 | 82422 | 58616 | 20707 | 864// | 07003 | 88715 | | |
| Eskdalemuir | 162 | 81910 | 04516 | 21505 | 870// | 05801 | 88700 | | |
| Prestwick | 135 | 82108 | 61615 | 20308 | 853// | 07307 | 81708 | 83710 | 85714 |
| Abbotsinch | 140 | 82204 | 35596 | 20208 | 852// | 07309 | 82705 | 85710 | 88638 |
| Leuchars | 171 | 82311 | 57216 | 19307 | 7542/ | 06400 | 83712 | 85616 | 88459 |
| Dyce | 091 | 80000 | 26616 | 17506 | 7552/ | 04605 | 81625 | 87645 | 88459 |
| Lerwick | 005 | 82208 | 68032 | 16205 | 6552/ | 04500 | 81622 | 85632 | 88459 |
| Wick | 075 | 81609 | 70616 | 16705 | 1557/ | 04501 | 81620 | 86358 | 88460 |
| Sule Skerry | 010 | 81612 | 62616 | 15607 | 4742/ | 06604 | 84715 | 88458 | |
| Cape Wrath | 049 | 82315 | 59596 | 13507 | 873// | 07713 | 88708 | | |
| Stornoway | 026 | 82220 | 58506 | 14008 | 852// | 08400 | 83705 | 86707 | 88615 |
| Benbecula | 022 | 81920 | 17516 | 14809 | 860// | 09209 | 81701 | 85702 | 88705 |
| Tiree | 100 | 81913 | 65026 | 16908 | 862// | 07306 | 85705 | 88708 | |
| Aldergrove | 917 | 82109 | 30506 | 20410 | 861// | 09307 | 81702 | 88703 | |
| Malin | 980 | 51917 | 82016 | 17711 | 35732 | 10307 | 83650 | 84070 | |
| Belmullet | 976 | 81818 | 40506 | 17210 | 862// | 09111 | 86705 | 87712 | |
| Birr | 965 | 71808 | 75022 | 20912 | 754// | 10309 | 84716 | 87636 | |
| Dublin | 969 | 72205 | 75016 | 21213 | 35572 | 10208 | 81625 | 83645 | 86070 |
| Shannon | 962 | 61804 | 82022 | 20612 | 26406 | 10313 | 81711 | 86270 | |
| Roches Point | | | | | | | | | |
| Valentia | 953 | 71810 | 60106 | 21611 | 66302 | 10119 | 84708 | 85645 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97091 | 001 | + | $r_o$ |
| Hurn | 862 | 97101 | 000 | f | $d_o$ |
| Manston | 797 | 00120 | 065 | + | + |
| Gatwick | 776 | 00101 | 008 | + | + |
| Kew | 775 | 97121 | 031 | + | $r_o$ |
| Heathrow | 772 | 97111 | 025 | + | $r_o$ |
| Honington | 586 | 91141 | 051 | + | $r_o$ |
| Wattisham | 590 | 97131 | 060 | + | $r_o$ |
| Gorleston | 497 | | 065 | | |
| Aberporth | 502 | 02091 | 012 | $ir_or_o$ | $r_or_od_od_o$ |
| Filton | 628 | 96121 | 010 | + | $drd_or_od_or_o$ |
| Rhoose | 715 | 92111 | 015 | + | $ir_o$ |
| Hartland Point | 703 | 01102 | 003 | | |
| Mount Batten | 827 | 91101 | 000 | + | $d_or_offF$ |
| St.Mawgan | 817 | 94101 | 000 | + | $r_od_offFd$ |
| Scilly | 804 | 92101 | 000 | $id_o$ | $id_off$ |
| Culdrose | 809 | 92101 | 000 | $id_oir_o$ | fFff |
| Guernsey | 894 | 00101 | 000 | + | + |
| Elmdon | 534 | 91111 | 018 | + | $r_or_o$ |
| Cardington | 559 | 93141 | 020 | + | $ir_o$ |
| Wittering | 462 | 93131 | 018 | + | $r_or_o$ |
| Watnall | 354 | 91111 | 003 | + | $r_or_o$ |
| Shawbury | 414 | 01121 | 008 | $r_or$ | $rr_or_o$ |
| Finningley | 360 | 01121 | 023 | + | $r_or_orr_o$ |
| Spurn Point | 396 | | | + | $ir_or_or_o$ |
| Leeming | 257 | 02111 | 014 | $ir_o$ | $r_or_or$ |
| Tynemouth | 262 | 02101 | 013 | + | $rrr_or_o$ |
| Carlisle | 222 | 03091 | 000 | $r_or_or$ | $rrr_or_o-r_o$ |
| Valley | 302 | 03091 | 010 | $ir_or_or_orr$ | $ir_oirid_o$ |
| Ringway | 334 | 01111 | 001 | $r_o$ | $r_or_orrid_or_o$ |
| Squires Gate | 318 | 05101 | 005 | $r_or_or$ | $r_ord_or_odrdrd_o$ |
| Ronaldsway | 204 | 04081 | 005 | $r_orr$ | $rr_or_o$ |
| Mull of Galloway | 131 | 07072 | | | |
| Eskdalemuir | 162 | 02061 | 000 | $frr_or_o$ | $r_or_odrd_od_off$ |
| Prestwick | 135 | 04091 | 000 | $ir_orr$ | $r_or_oir$ |
| Abbotsinch | 140 | 02091 | 000 | $r_or_o$ | $r_od_or_odr$ |
| Leuchars | 171 | 01081 | 001 | $r_o$ | $r_or_o$ |
| Dyce | 091 | 01091 | 010 | + | $r_or_orir_o$ |
| Lerwick | 005 | 01071 | 016 | + | $r_or_orr$ |
| Wick | 075 | 03062 | 003 | $ir_o$ | $rrr_or_odrdr$ |
| Sule Skerry | 010 | 02081 | | | |
| Cape Wrath | 049 | 03082 | 000 | rr | $drdrid_o$ |
| Stornoway | 026 | 02091 | 000 | $r_or_o$ | $d_or_oid_o$ |
| Benbecula | 022 | 04091 | 000 | $r_or_orr$ | $r_or_od_or_o$ |
| Tiree | 100 | 06091 | 000 | $ir_orrd_or_o$ | $d_od_oid_o$ |
| Aldergrove | 917 | 04102 | 000 | $r_or_orrr_or_o$ | $d_o$ |
| Malin | 980 | 0512 | 002 | | |
| Belmullet | 976 | 0210 | 000 | | |
| Birr | 965 | 0113 | 003 | | |
| Dublin | 969 | 0113 | 000 | | |
| Shannon | 962 | 0414 | 011 | | |
| Roches Point | 952 | 10 | 000 | | |
| Valentia | 953 | 0612 | 000 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

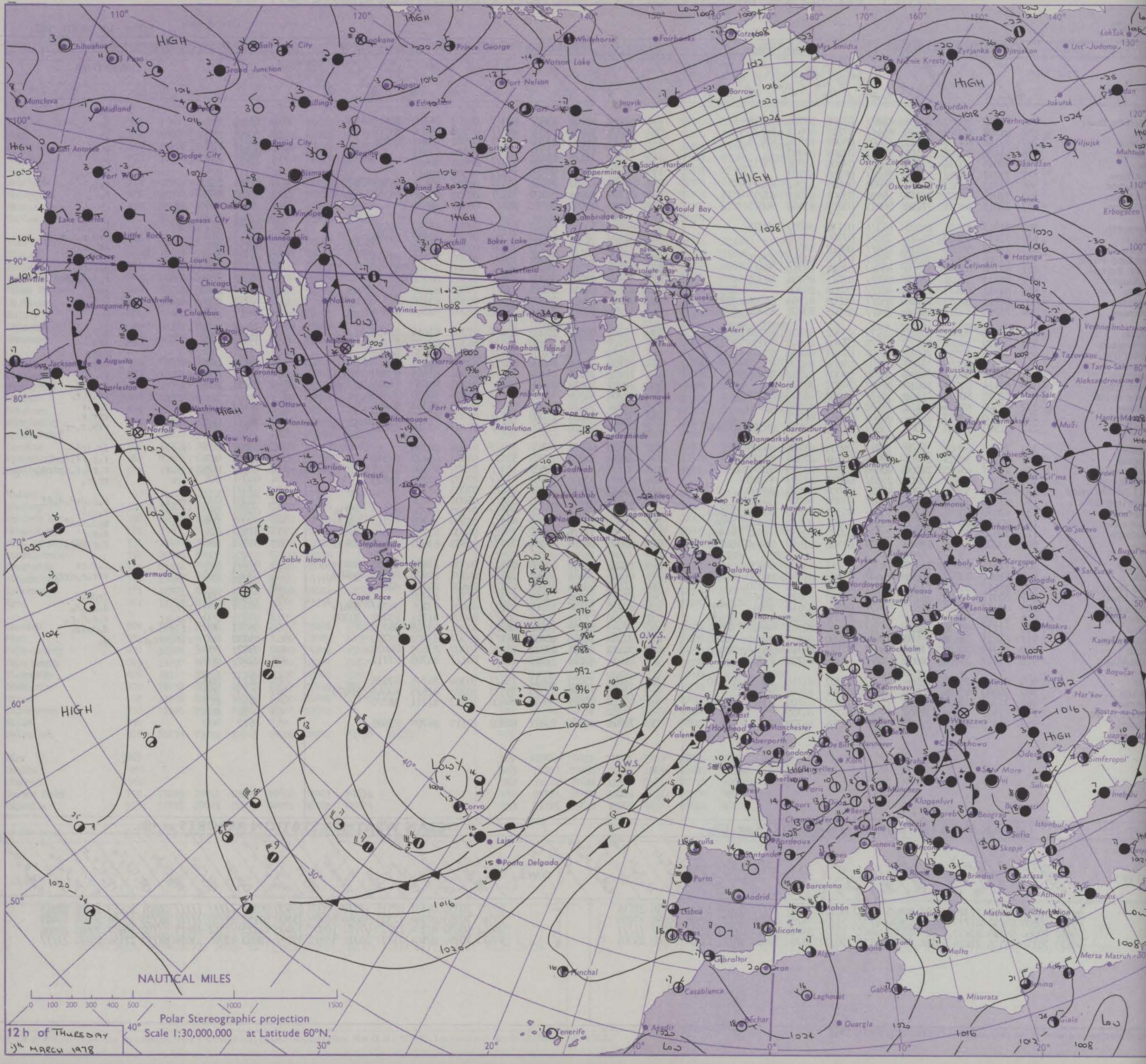
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 09121 | 72320 | 97278 | 80105 | 59403 | 00338 | ///// | ///// | 05100 | 10649 | 30710 | 22114 |
| L | 99569 | 70200 | 09124 | 81733 | 95616 | 93610 | 872// | 51724 | 86704 | 88706 | 0//10 | 10996 | 30606 | 17008 |
| M | 99642 | 10040 | 09124 | 82833 | 97026 | 05703 | 884// | 82320 | 84810 | 88615 | 0//03 | 10711 | 30707 | ///// |
| R | 99473 | 70170 | 09124 | 81826 | 95516 | 16212 | 4737/ | 00222 | 84708 | 88458 | 0//12 | 11154 | 30808 | 25005 |

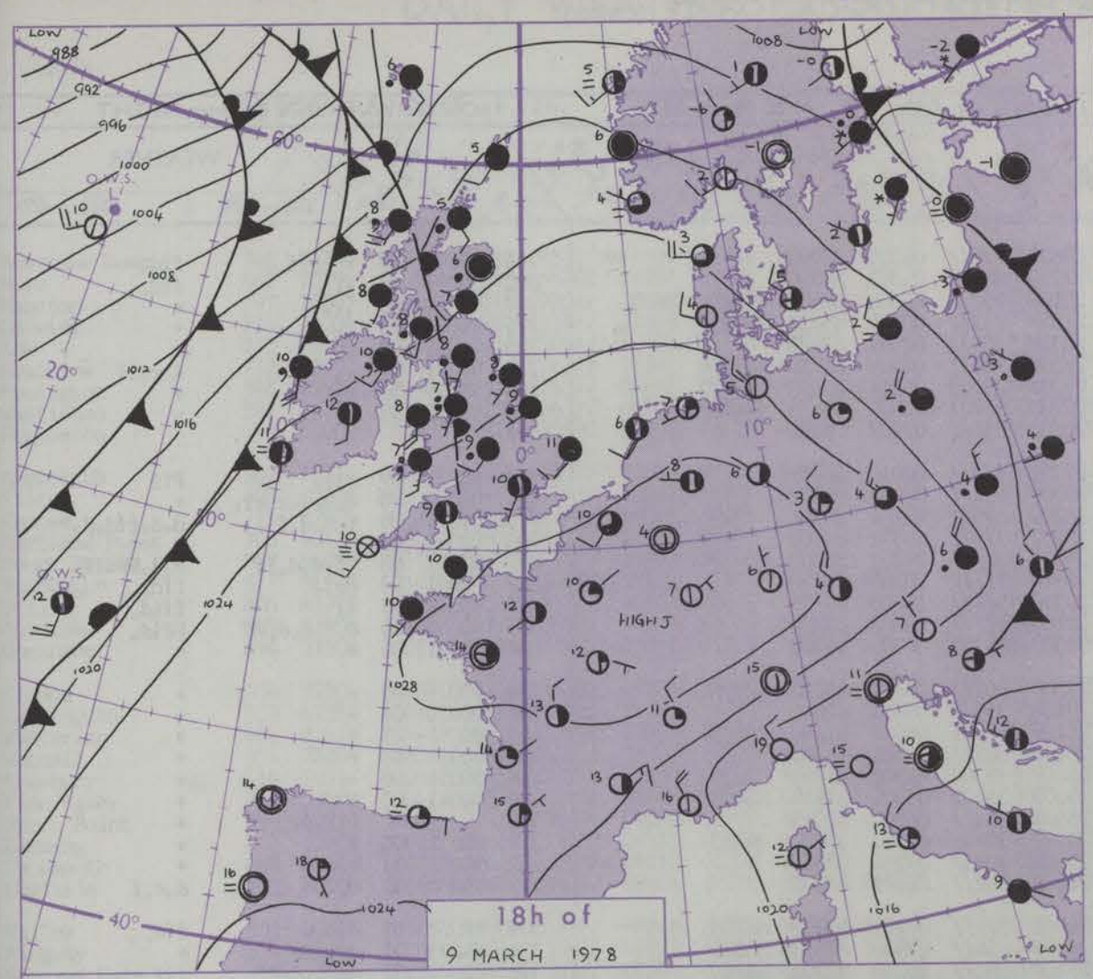
## OCEAN WEATHER STATION REPORTS at 18h.

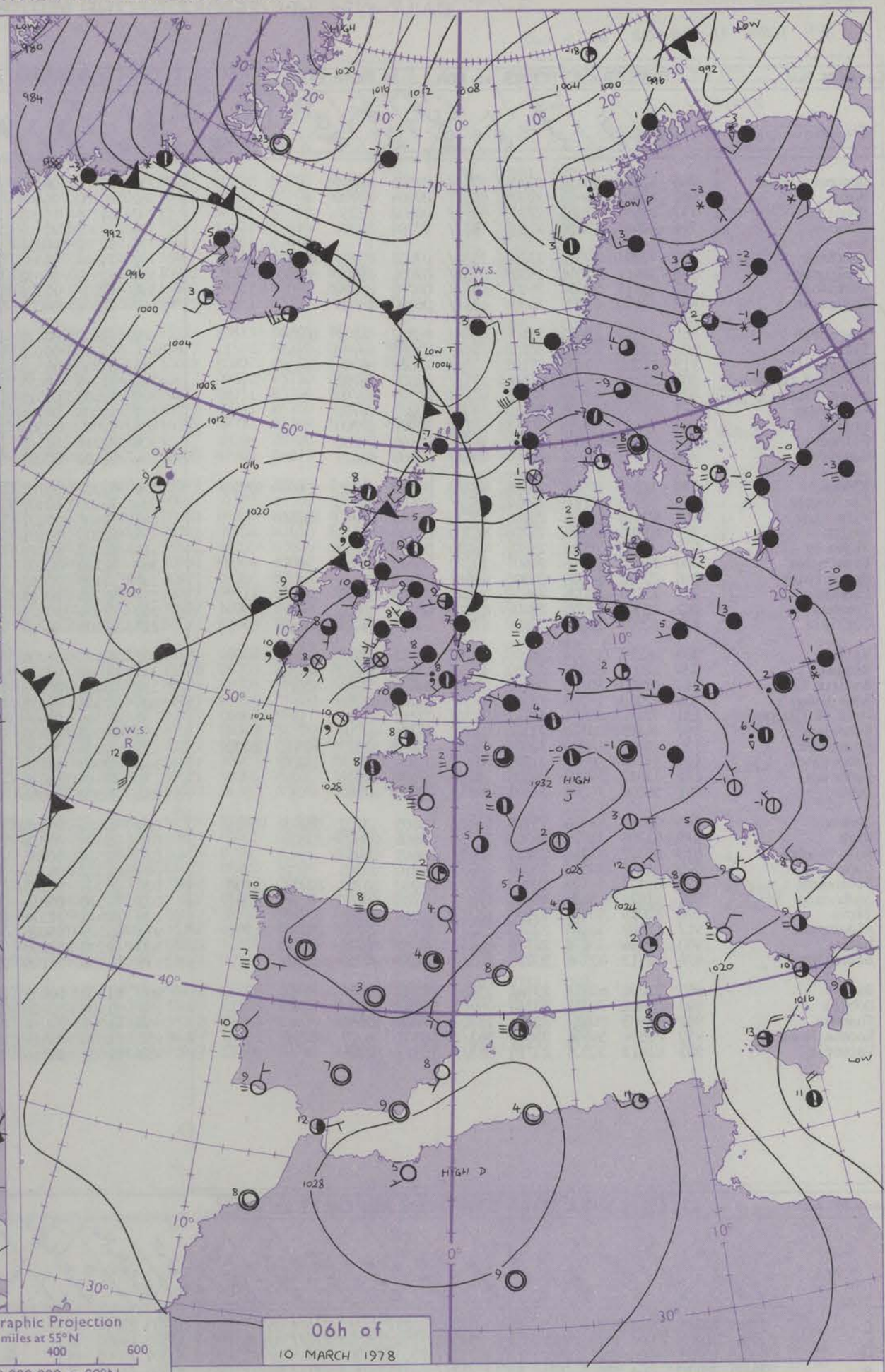
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 09181 | 62515 | 97278 | 88603 | 69400 | 00241 | ///// | ///// | 05501 | 10659 | 30708 | 22215 |
| L | 99568 | 70203 | 09184 | 12324 | 98016 | 02009 | 11500 | 51152 | 81820 | ///// | 0//03 | 10956 | 30404 | 19907 |
| M | 99642 | 10030 | 09184 | 72725 | 97022 | 10502 | 78400 | 61223 | 81812 | 87615 | 0//02 | 10687 | 30605 | 29806 |
| R | 99473 | 70169 | 09184 | 71827 | 96216 | 16512 | 5737/ | 00803 | 83706 | 83626 | 0//12 | 11144 | 30810 | ///// |

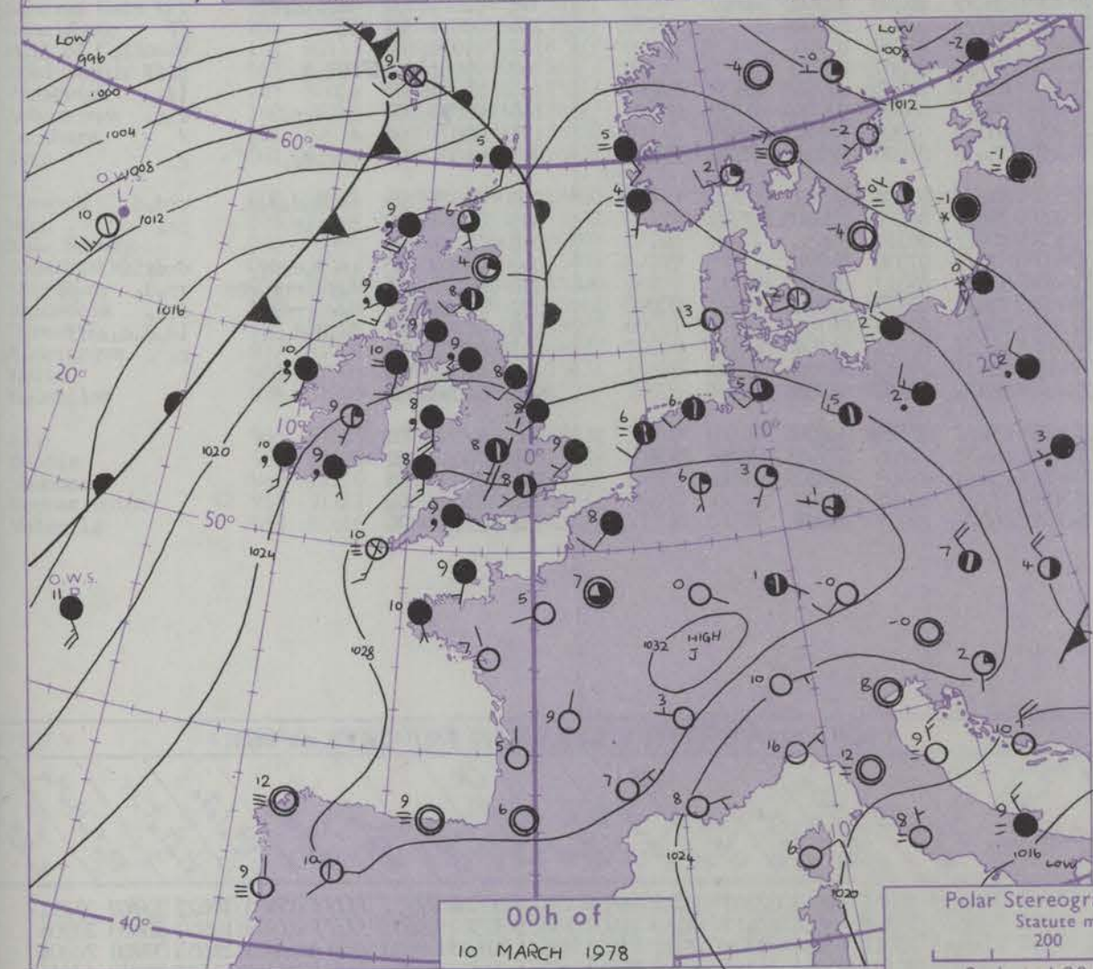
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday FRIDAY 10 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone over France moved slowly southeast, whilst weak frontal troughs moved steadily from west of Ireland into the North Sea.

During the next 24 hours as the anticyclone moves slowly south, further frontal troughs will affect Ireland and northern Britain.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 10 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82103 | 56616 | 28707 | 870// | 07005 | 88701 | | |
| Hurn | 862 | 82405 | 06465 | 29309 | 860// | 09104 | 88700 | | |
| Manston | 797 | 82507 | 57056 | 27907 | 8097/ | 06802 | 88358 | | |
| Gatwick | 776 | 82408 | 45106 | 28208 | 862// | 07702 | 88704 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 72307 | 57016 | 27708 | 753// | 07001 | 83707 | 86645 | |
| Honington | 586 | 82411 | 50056 | 26308 | 855// | 07001 | 85626 | 88650 | |
| Wattisham | 590 | 82411 | 50056 | 26508 | 855// | 06702 | 88626 | | |
| Gorleston | 497 | 82406 | 48206 | 26509 | 855// | 06400 | 88620 | | |
| Aberporth | 502 | 81814 | 60036 | 26408 | 854// | 08307 | 84712 | 88622 | |
| Filton | 628 | 72305 | 58216 | 28208 | 753// | 07002 | 83708 | 87645 | |
| Rhoose | 715 | 81202 | 50206 | 28107 | 853// | 07003 | 86709 | 88638 | |
| Hartland Point | 703 | 82312 | 56516 | 27610 | 871// | 10306 | 88702 | | |
| Mount Batten | 827 | 92306 | 02516 | 28809 | 9//// | 09205 | 89/00 | | |
| St.Mawgan | 817 | 81908 | 03466 | 28310 | 870// | 10207 | 88700 | | |
| Scilly | 804 | 92013 | 02455 | 28110 | 9//// | 10309 | 89/00 | | |
| Culdrose | 809 | 92211 | 02476 | 28509 | 9//// | 09104 | 89/00 | | |
| Guernsey | 894 | 82107 | 65022 | 30309 | 854// | 08103 | 88615 | | |
| Elmdon | 534 | 72203 | 40046 | 26808 | 663/8 | 07003 | 84706 | 83647 | 87275 |
| Cardington | 559 | 82413 | 60056 | 26608 | 857// | 07400 | 88650 | | |
| Wittering | 462 | 42616 | 59016 | 25908 | 15730 | 07000 | 81650 | 84360 | |
| Watnall | 354 | 61805 | 18056 | 25908 | 66300 | 07500 | 85708 | | |
| Shawbury | 414 | 41403 | 78011 | 25809 | 45400 | 07001 | 84618 | | |
| Finningley | 360 | 21903 | 50106 | 24407 | 20970 | 06000 | 82361 | | |
| Spurn Point | 396 | 82308 | 50026 | 24308 | 865// | 07803 | 88720 | | |
| Leeming | 257 | 72706 | 80026 | 23409 | 2544/ | 07803 | 82615 | 87360 | |
| Tynemouth | 262 | 82308 | 61026 | 22409 | 855// | 08804 | 88626 | | |
| Carlisle | 222 | 82507 | 50506 | 23209 | 873// | 09105 | 86709 | 88712 | |
| Valley | 302 | 81818 | 15526 | 25008 | 870// | 08702 | 88700 | | |
| Ringway | 334 | 82008 | 60216 | 25009 | 855// | 08000 | 85622 | 88630 | |
| Squires Gate | 318 | 81603 | 10206 | 24908 | 852// | 08000 | 84704 | 88617 | |
| Ronaldsway | 204 | 82213 | 18286 | 23508 | 870// | 08400 | 88700 | | |
| Mull of Galloway | 131 | 92118 | 02456 | 22807 | 9//// | 07212 | 89/01 | | |
| Eskdalemuir | 162 | 81805 | 05505 | 23506 | 870// | 06304 | 88701 | | |
| Prestwick | 135 | 82008 | 65026 | 22009 | 853// | 09003 | 81707 | 84708 | 86712 |
| Abbotsinch | 140 | 82309 | 30506 | 21709 | 872// | 09304 | 82704 | 88706 | |
| Leuchars | 171 | 72412 | 62032 | 20308 | 754// | 07304 | 87616 | | |
| Dyce | 091 | 20000 | 70056 | 18504 | 10932 | 03500 | 81360 | | |
| Lerwick | 005 | 81912 | 57516 | 15705 | 851// | 05805 | 83702 | 86704 | 88614 |
| Wick | 075 | 61706 | 75026 | 16706 | 3553/ | 06606 | 83625 | 85359 | |
| Sule Skerry | 010 | 82322 | 81216 | 15608 | 8092/ | 08601 | 88458 | | |
| Cape Wrath | 049 | 82322 | 60586 | 15009 | 873// | 07210 | 88708 | | |
| Stornoway | 026 | 82122 | 59525 | 15909 | 853// | 08008 | 86707 | 87714 | 88630 |
| Benbecula | 022 | 81920 | 45636 | 16508 | 862// | 08208 | 84703 | 86706 | 88711 |
| Tiree | 100 | 82015 | 50505 | 19309 | 862// | 09214 | 82703 | 88705 | |
| Aldergrove | 917 | 82009 | 58105 | 22410 | 862// | 10311 | 82705 | 85708 | 88711 |
| Malin | 980 | 72014 | 83036 | 20110 | 6643/ | 07014 | 86715 | 83360 | |
| Belmullet | 976 | 81913 | 42586 | 20210 | 863// | 10212 | 84707 | 88714 | |
| Birr | 965 | 32004 | 64021 | 23109 | 35600 | 08207 | 83634 | | |
| Dublin | 969 | 01802 | 70011 | 23210 | 00900 | 09207 | | | |
| Shannon | 962 | 31403 | 80031 | 22908 | 25702 | 07006 | 82656 | | |
| Roches Point | 952 | 81606 | 59504 | 25009 | 863// | 08308 | 86707 | 88711 | |
| Valentia | 953 | 81813 | 30505 | 23710 | 863// | 10313 | 88706 | | |

## OBSERVATIONS at 06h. 10 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81906 | 06506 | 28608 | 870// | 08302 | 88700 | | |
| Hurn | 862 | 82103 | 06444 | 29109 | 860// | 09303 | 88700 | | |
| Manston | 797 | 62706 | 45101 | 28106 | 25734 | 06008 | 82650 | 83360 | 86072 |
| Gatwick | 776 | 72303 | 22101 | 28308 | 752// | 08304 | 85703 | 87625 | |
| Kew | 775 | 72302 | 50051 | 28308 | 756// | 07307 | 87630 | | |
| Heathrow | 772 | 72404 | 35586 | 28208 | 754// | 08309 | 81710 | 87630 | |
| Honington | 586 | 72510 | 35052 | 27207 | 25702 | 06214 | 82650 | 87072 | |
| Wattisham | 590 | 62507 | 12101 | 27205 | 55702 | 05009 | 85656 | 84075 | |
| Gorleston | 497 | 82608 | 44021 | 26808 | 855// | 07207 | 88625 | | |
| Aberporth | 502 | 92408 | 02432 | 27707 | 9//// | 07010 | 89/01 | | |
| Filton | 628 | 80000 | 30102 | 28309 | 861// | 08205 | 88702 | | |
| Rhoose | 715 | 82703 | 03515 | 28309 | 870// | 09204 | 88701 | | |
| Hartland Point | 703 | 92315 | 00455 | 28209 | 9//// | 09302 | 89/00 | | |
| Mount Batten | 827 | 92603 | 01515 | 29309 | 9//// | 09302 | 89/00 | | |
| St.Mawgan | 817 | 92006 | 04505 | 28910 | 9//// | 10204 | 89/00 | | |
| Scilly | 804 | 92009 | 02505 | 29210 | 9//// | 10103 | 89/00 | | |
| Culdrose | 809 | 92311 | 01515 | 29109 | 9//// | 09303 | 89/00 | | |
| Guernsey | 894 | 52402 | 60021 | 30308 | 45302 | 08500 | 84709 | | |
| Elmdon | 534 | 82307 | 40101 | 27508 | 862// | 08307 | 83704 | 88705 | |
| Cardington | 559 | 72409 | 40101 | 27108 | 756// | 08305 | 87640 | | |
| Wittering | 462 | 32406 | 17101 | 26707 | 15631 | 06007 | 81640 | 83075 | |
| Watnall | 354 | 82203 | 20101 | 26907 | 862// | 06306 | 88705 | | |
| Shawbury | 414 | 31803 | 66011 | 26809 | 35340 | 08308 | 81708 | 83620 | |
| Finningley | 360 | 42502 | 30101 | 25805 | 35402 | 05307 | 81614 | 83645 | |
| Spurn Point | 396 | 81905 | 35052 | 25607 | 864// | 06209 | 88715 | | |
| Leeming | 257 | 53205 | 80022 | 24810 | 35440 | 08307 | 83614 | 84360 | |
| Tynemouth | 262 | 72302 | 69021 | 23608 | 7093/ | 07204 | 87358 | | |
| Carlisle | 222 | 82408 | 40205 | 24209 | 862// | 08103 | 88705 | | |
| Valley | 302 | 82114 | 56204 | 26907 | 871// | 07211 | 83702 | 88703 | |
| Ringway | 334 | 81905 | 62022 | 26309 | 854// | 07309 | 87613 | 88640 | |
| Squires Gate | 318 | 83204 | 20106 | 26208 | 860// | 08306 | 82701 | 88708 | |
| Ronaldsway | 204 | 92306 | 01452 | 25407 | 9//// | 07010 | 89/00 | | |
| Mull of Galloway | 131 | 92317 | 02454 | 24407 | 9//// | 07102 | 89/01 | | |
| Eskdalemuir | 162 | 91602 | 02455 | 24406 | 9//// | 06207 | 89/00 | | |
| Prestwick | 135 | 82209 | 70036 | 23310 | 854// | 09105 | 81714 | 83624 | 88630 |
| Abbotsinch | 140 | 82505 | 40106 | 22809 | 862// | 09306 | 83704 | 85705 | 87707 |
| Leuchars | 171 | 72414 | 58032 | 21009 | 655/2 | 07306 | 82625 | 85640 | |
| Dyce | 091 | 72202 | 70058 | 19505 | 35438 | 05305 | 81715 | 83650 | 85362 |
| Lerwick | 005 | 82424 | 40516 | 13807 | 870// | 07504 | 86701 | 88704 | |
| Wick | 075 | 72408 | 81016 | 17909 | 756// | 08209 | 82640 | 87656 | |
| Sule Skerry | 010 | 82524 | 60206 | 17308 | 8092/ | 08315 | 88458 | | |
| Cape Wrath | 049 | 82322 | 04596 | 17807 | 873// | 07330 | 88706 | | |
| Stornoway | 026 | 72705 | 58106 | 19908 | 6737/ | 08327 | 86707 | 86359 | |
| Benbecula | 022 | 72510 | 65016 | 20407 | 25428 | 07222 | 82615 | 83462 | 87270 |
| Tiree | 100 | 82412 | 12526 | 21209 | 860// | 09314 | 88701 | | |
| Aldergrove | 917 | 82109 | 65026 | 24010 | 863// | 08106 | 84706 | 88708 | |
| Malin | 980 | 82210 | 82205 | 22810 | 864// | 09216 | 86710 | 88714 | |
| Belmullet | 976 | 51603 | 57106 | 22409 | 563// | 09209 | 81707 | 83714 | |
| Birr | 965 | 61803 | 66031 | 24708 | 656// | 07105 | 86634 | | |
| Dublin | 969 | 71902 | 75021 | 25109 | 5643/ | 07206 | 83715 | 83625 | 85360 |
| Shannon | 962 | 61505 | 80011 | 24409 | 656// | 09003 | 82630 | 85656 | |
| Roches Point | 952 | 91606 | 03514 | 26308 | 9//// | 08105 | 89/00 | | |
| Valentia | 953 | 81612 | 20516 | 24010 | 860// | 10001 | 88701 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 93071 | 07 | $r_or_off$ | $ffd_o$ |
| Hurn | 862 | 97081 | 07 | ff | $ffd_o$ |
| Manston | 797 | 97060 | 03 | $ir_o$ | + |
| Gatwick | 776 | 91071 | 05 | $r_o$ | + |
| Kew | 775 | 97081 | 06 | $r_o$ | + |
| Heathrow | 772 | 97071 | 04 | $r_o$ | $d_or_oif$ |
| Honington | 586 | 97070 | 05 | $r_o$ | + |
| Wattisham | 590 | 97051 | 03 | $r_o$ | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 92071 | 07 | $r_or_o$ | Fff |
| Filton | 628 | 01081 | 06 | $d_or_od_or_orr_o$ | + |
| Rhoose | 715 | 01071 | 06 | $r_od_od_of$ | $d_od_offd_od_o$ |
| Hartland Point | 703 | 02092 | 09 | | |
| Mount Batten | 827 | 02091 | 08 | $Ffrd_od_oFF$ | $d_od_oFFdff$ |
| St.Mawgan | 817 | 02091 | 08 | drff | $ffd_o$ |
| Scilly | 804 | 95091 | 07 | ff | $ffid_o$ |
| Culdrose | 809 | 92082 | 09 | $d_or_od_od_oFF$ | $FFid_o$ |
| Guernsey | 894 | 00071 | 06 | + | + |
| Elmdon | 534 | 97071 | 04 | $r_o$ | + |
| Cardington | 559 | 00071 | 04 | + | + |
| Wittering | 462 | 00061 | 05 | + | + |
| Watnall | 354 | 00061 | 50 | + | + |
| Shawbury | 414 | 00051 | 00 | + | + |
| Finningley | 360 | 00041 | 00 | + | + |
| Spurn Point | 396 | | | $r_or_oir_o$ | + |
| Leeming | 257 | 00071 | 04 | + | + |
| Tynemouth | 262 | 00071 | 05 | + | + |
| Carlisle | 222 | 94081 | 07 | $d_o$ | $d_od_of$ |
| Valley | 302 | 91071 | 07 | d | $ffd_o$ |
| Ringway | 334 | 94071 | 07 | $d_or_orr_o$ | + |
| Squires Gate | 318 | 01071 | 07 | $dd_or_odrff$ | fif |
| Ronaldsway | 204 | 00071 | 07 | ff | FF |
| Mull of Galloway | 131 | 91071 | | | |
| Eskdalemuir | 162 | 96051 | 05 | $ffFFd_od_o$ | $d_off$ |
| Prestwick | 135 | 01081 | 07 | $r_o$ | $ir_o$ |
| Abbotsinch | 140 | 92071 | 07 | $id_od_or_o$ | $d_or_o$ |
| Leuchars | 171 | 00071 | 05 | + | + |
| Dyce | 091 | 91031 | 01 | $r_or_opr_o$ | $r_o$ |
| Lerwick | 005 | 02051 | 04 | $ir_od_od_od_or_o$ | $rrd_od_o$ |
| Wick | 075 | 92061 | 03 | $r_or_oir_o$ | $ir_o$ |
| Sule Skerry | 010 | 02061 | 06 | | |
| Cape Wrath | 049 | 06052 | 06 | $id_or_odrdr$ | drdrif |
| Stornoway | 026 | 06071 | 05 | $d_oidirrr_orRr$ | $rr_od_o$ |
| Benbecula | 022 | 06071 | 05 | $d_or_orrdr$ | $d_or_o$ |
| Tiree | 100 | 01091 | 07 | $id_od_od_odr$ | $id_od_od_oidff$ |
| Aldergrove | 917 | 92091 | 06 | $r_o$ | $r_o$ |
| Malin | 980 | 9709 | 06 | | |
| Belmullet | 976 | 9609 | 08 | | |
| Birr | 965 | 9708 | 04 | | |
| Dublin | 969 | 0008 | 02 | | |
| Shannon | 962 | 9708 | 05 | | |
| Roches Point | 952 | 9708 | 05 | | |
| Valentia | 953 | 0210 | 09 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_a$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 10001 | 52210 | 98038 | 95405 | 58500 | 00231 | ///// | ///// | 05351 | 10651 | 3//03 | 22/14 |
| L | 99568 | 70205 | 10004 | 12124 | 98020 | 10809 | 11500 | 51242 | 81820 | ///// | 0//06 | 10947 | 30505 | 19907 |
| M | 99645 | 10025 | 10004 | 82715 | 96022 | 12002 | 853// | 00001 | 83708 | 88615 | 0//02 | 10687 | 30504 | 28805 |
| R | 99471 | 70170 | 10004 | 81625 | 96216 | 16911 | 862// | 00815 | 88705 | ///// | 0//11 | 11163 | 30810 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_a$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 10061 | 62707 | 98038 | 96104 | 40932 | 00806 | ///// | ///// | 05400 | 10622 | 3//02 | 22/11 |
| L | 99568 | 70205 | 10064 | 21617 | 98030 | 12409 | 15601 | 51507 | 81635 | ///// | 0//06 | 10940 | 30403 | 20906 |
| M | 99645 | 10018 | 10064 | 80708 | 97022 | 07803 | 855// | 81623 | 88620 | ///// | 0//03 | 10653 | 30201 | 28804 |
| R | 99470 | 70171 | 10064 | 81732 | 96016 | 15112 | 864// | 31709 | 88713 | ///// | 0//10 | 11171 | 30912 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42478

Date of Issue SATURDAY 11 MARCH 1978

## OBSERVATIONS at 12h. 10 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72305 | 60015 | 30313 | 6533/ | 11106 | 84706 | 85630 | |
| Hurn | 862 | 72202 | 56055 | 31113 | 55301 | 11207 | 82708 | 85630 | |
| Manston | 797 | 73007 | 58022 | 29713 | 755// | 10108 | 82625 | 87640 | |
| Gatwick | 776 | 73206 | 62021 | 30213 | 754// | 11206 | 87611 | | |
| Kew | 775 | 82405 | 45052 | 30312 | 863// | 10107 | 86708 | 88710 | |
| Heathrow | 772 | 72605 | 50056 | 30313 | 763// | 11108 | 84707 | 87710 | |
| Honington | 586 | 72510 | 42052 | 28911 | 763// | 09105 | 87706 | | |
| Wattisham | 590 | 82713 | 38052 | 29211 | 863// | 09208 | 88706 | | |
| Gorleston | 497 | 50000 | 18052 | 28811 | 35530 | 09208 | 83620 | 85358 | |
| Aberporth | 502 | 71711 | 62054 | 28611 | 753// | 10003 | 81706 | 87620 | |
| Filton | 628 | 72507 | 60055 | 30412 | 754// | 11002 | 83710 | 87615 | |
| Rhoose | 715 | 82905 | 09426 | 30010 | 870// | 10004 | 88701 | | |
| Hartland Point | 703 | 92410 | 09505 | 29910 | 9//// | 10106 | 89/00 | | |
| Mount Batten | 827 | 81905 | 07515 | 30710 | 870// | 10103 | 88700 | | |
| St. Mawgan | 817 | 81708 | 40105 | 30410 | 860// | 10304 | 83701 | 85702 | 88703 |
| Scilly | 804 | 81712 | 60026 | 29510 | 855// | 10106 | 88620 | | |
| Culdrose | 809 | 81808 | 35105 | 30710 | 862// | 09307 | 84703 | 88704 | |
| Guernsey | 894 | 31308 | 70011 | 31812 | 11402 | 09002 | 81812 | 83075 | |
| Elmdon | 534 | 52308 | 64031 | 28714 | 10982 | 09003 | 81360 | 85070 | |
| Cardington | 559 | 42310 | 50051 | 29114 | 46431 | 11104 | 84715 | | |
| Wittering | 462 | 22611 | 72031 | 28315 | 18401 | 10002 | 81818 | | |
| Watnall | 354 | 72203 | 40052 | 28412 | 46431 | 10004 | 82713 | 86360 | |
| Shawbury | 414 | 52511 | 80021 | 28314 | 18581 | 11103 | 81820 | 85075 | |
| Finningley | 360 | 53202 | 59041 | 27514 | 21581 | 10106 | 82820 | 85360 | |
| Spurn Point | 396 | 42712 | 56051 | 27311 | 38570 | 09206 | 82820 | 83630 | |
| Leeming | 257 | 71705 | 80012 | 27112 | 15532 | 09312 | 81620 | 87075 | |
| Tynemouth | 262 | 62303 | 69022 | 26412 | 2263/ | 09212 | 82830 | 86358 | |
| Carlisle | 222 | 82904 | 20284 | 26910 | 860// | 09008 | 81701 | 85703 | 88707 |
| Valley | 302 | 81814 | 25505 | 28808 | 870// | 08208 | 81700 | 83701 | 88702 |
| Ringway | 334 | 80202 | 30044 | 28511 | 753/1 | 09214 | 82706 | 85715 | 87640 |
| Squires Gate | 318 | 72406 | 50285 | 28408 | 761// | 08007 | 83702 | 87705 | |
| Ronaldsway | 204 | 72307 | 60014 | 27608 | 762// | 08112 | 82703 | 87711 | |
| Mull of Galloway | 131 | 82112 | 08424 | 27007 | 873// | 07214 | 88707 | | |
| Eskdalemuir | 162 | 81704 | 04464 | 27408 | 860// | 08216 | 88700 | | |
| Prestwick | 135 | 80302 | 56045 | 26510 | 852// | 09217 | 81705 | 83706 | 85708 |
| Abbotsinch | 140 | 72110 | 30205 | 26310 | 762// | 09116 | 81705 | 83708 | 87714 |
| Leuchars | 171 | 52416 | 66031 | 24913 | 35332 | 08215 | 81708 | 83618 | |
| Dyce | 091 | 63014 | 89012 | 24113 | 28432 | 09227 | 82817 | 84362 | 85072 |
| Lerwick | 005 | 12824 | 70015 | 19409 | 18400 | 04133 | 81710 | | |
| Wick | 075 | 73017 | 75036 | 23511 | 18432 | 06125 | 81816 | 87072 | |
| Sule Skerry | 010 | 82908 | 66022 | 23408 | 00907 | 07224 | 88275 | | |
| Cape Wrath | 049 | 52515 | 56406 | 23808 | 35401 | 07219 | 83615 | 85070 | |
| Stornoway | 026 | 72404 | 59102 | 24310 | 16306 | 08213 | 81708 | 87268 | |
| Benbecula | 022 | 71004 | 25402 | 23910 | 26012 | 09009 | 81700 | 83462 | 87072 |
| Tiree | 100 | 81906 | 02505 | 24409 | 860// | 09211 | 83700 | 88702 | |
| Aldergrove | 917 | 81804 | 58042 | 25911 | 862// | 10204 | 82703 | 88706 | |
| Malin | 980 | 81705 | 72605 | 24212 | 7547/ | 10500 | 81712 | 86640 | 88460 |
| Belmullet | 976 | 81809 | 68026 | 22011 | 863// | 10506 | 83708 | 86716 | 87636 |
| Birr | 965 | 71615 | 75016 | 24913 | 46432 | 10709 | 84715 | 83358 | 85070 |
| Dublin | 969 | 61108 | 82031 | 25913 | 15682 | 09400 | 81630 | 85070 | |
| Shannon | 962 | 71710 | 82022 | 24512 | 564/8 | 09605 | 85715 | 85270 | |
| Roches Point | 952 | 91111 | 15504 | 26809 | 9//// | 08201 | 89/00 | | |
| Valentia | 953 | 81616 | 70805 | 23412 | 824// | 11708 | 83715 | 88820 | |

## OBSERVATIONS at 18h. 10 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81907 | 65021 | 29811 | 862// | 10303 | 85704 | 88707 | |
| Hurn | 862 | 72006 | 58052 | 30310 | 763// | 10400 | 85708 | 87710 | |
| Manston | 797 | 12105 | 57051 | 29010 | 15701 | 08501 | 81650 | | |
| Gatwick | 776 | 72308 | 59041 | 29214 | 754// | 12302 | 87616 | | |
| Kew | 775 | 72304 | 62021 | 28915 | 754// | 11301 | 87618 | | |
| Heathrow | 772 | 72005 | 61011 | 28815 | 754// | 11001 | 87619 | | |
| Honington | 586 | 72306 | 56052 | 28213 | 10942 | 09304 | 81360 | 87080 | |
| Wattisham | 590 | 32806 | 60021 | 28412 | 15602 | 08207 | 81640 | 83075 | |
| Gorleston | 497 | 50000 | 40022 | 28513 | 50970 | 10201 | 85358 | | |
| Aberporth | 502 | 81515 | 50105 | 27010 | 852// | 10813 | 86705 | 88622 | |
| Filton | 628 | 82802 | 45052 | 29413 | 854// | 11502 | 82710 | 84620 | 88630 |
| Rhoose | 715 | 61102 | 10404 | 28711 | 35001 | 10707 | 81700 | 83616 | 86078 |
| Hartland Point | 703 | 81908 | 62035 | 28410 | 854// | 09612 | 85710 | 88630 | |
| Mount Batten | 827 | 81805 | 45205 | 29209 | 862// | 08711 | 85704 | 88707 | |
| St. Mawgan | 817 | 81617 | 09515 | 28209 | 870// | 09713 | 85700 | 88701 | |
| Scilly | 804 | 51513 | 60012 | 27009 | 16372 | 08711 | 81709 | 83360 | 85075 |
| Culdrose | 809 | 91709 | 01514 | 28608 | 9//// | 08709 | 89/00 | | |
| Guernsey | 894 | 41406 | 58050 | 30211 | 00902 | 07505 | 84075 | | |
| Elmdon | 534 | 72309 | 59042 | 28014 | 655/2 | 11303 | 83623 | 84640 | 86075 |
| Cardington | 559 | 52208 | 57051 | 28213 | 10931 | 11302 | 81365 | 85075 | |
| Wittering | 462 | 52903 | 65021 | 28013 | 10932 | 09304 | 81360 | 85075 | |
| Watnall | 354 | 72707 | 59041 | 28013 | 15742 | 09304 | 81650 | 87075 | |
| Shawbury | 414 | 72407 | 80022 | 28014 | 55502 | 10205 | 83626 | 84640 | 87075 |
| Finningley | 360 | 60303 | 50042 | 27413 | 30932 | 09304 | 83360 | 86075 | |
| Spurn Point | 396 | 43006 | 58011 | 27610 | 30971 | 08208 | 83360 | | |
| Leeming | 257 | 82806 | 66606 | 27811 | 1557/ | 09311 | 81625 | 84359 | 88465 |
| Tynemouth | 262 | 72507 | 56056 | 27312 | 7097/ | 10307 | 87358 | | |
| Carlisle | 222 | 80302 | 20216 | 27208 | 870// | 07004 | 86701 | 88703 | |
| Valley | 302 | 81816 | 40505 | 27309 | 870// | 09608 | 83701 | 88704 | |
| Ringway | 334 | 70802 | 47041 | 27713 | 15748 | 08703 | 81656 | 87275 | |
| Squires Gate | 318 | 70806 | 58042 | 27610 | 4857/ | 09706 | 82825 | 84650 | 87360 |
| Ronaldsway | 204 | 81606 | 09464 | 26508 | 860// | 07506 | 85700 | 88701 | |
| Mull of Galloway | 131 | 92014 | 01454 | 25907 | 9//// | 06603 | 89/// | | |
| Eskdalemuir | 162 | 81905 | 05614 | 26808 | 870// | 08303 | 88700 | | |
| Prestwick | 135 | 81609 | 65022 | 25410 | 7537/ | 09601 | 82709 | 84712 | 85625 |
| Abbotsinch | 140 | 80000 | 35042 | 25411 | 862// | 10601 | 84705 | 88708 | |
| Leuchars | 171 | 82504 | 56602 | 25511 | 6552/ | 10304 | 82625 | 86650 | 88462 |
| Dyce | 091 | 81506 | 58042 | 25610 | 55537 | 06305 | 81620 | 85626 | 85359 |
| Lerwick | 005 | 22912 | 65010 | 22807 | 16301 | 05218 | 81708 | | |
| Wick | 075 | 83602 | 65052 | 25307 | 70977 | 05306 | 87359 | 88270 | |
| Sule Skerry | 010 | 72305 | 58012 | 25207 | 30958 | 07207 | 83360 | 87275 | |
| Cape Wrath | 049 | 81411 | 60032 | 24107 | 854// | 06803 | 88615 | | |
| Stornoway | 026 | 71206 | 62102 | 23308 | 756// | 06810 | 87640 | | |
| Benbecula | 022 | 81412 | 35624 | 21908 | 6502/ | 08711 | 81701 | 84703 | 86615 |
| Tiree | 100 | 81416 | 40285 | 22109 | 860// | 09714 | 86701 | 88703 | |
| Aldergrove | 917 | 71209 | 62022 | 23609 | 15348 | 07611 | 81708 | 83362 | 87270 |
| Malin | 980 | 71307 | 65106 | 21613 | 68432 | 10508 | 82716 | 85821 | 86075 |
| Belmullet | 976 | 71923 | 74032 | 19510 | 554/2 | 07512 | 82717 | 85638 | 85070 |
| Birr | 965 | 71707 | 81032 | 22711 | 554/2 | 04612 | 82716 | 84633 | 86070 |
| Dublin | 969 | 71207 | 58102 | 24310 | 5847/ | 05507 | 83817 | 83645 | 85462 |
| Shannon | 962 | 71718 | 75022 | 21811 | 35778 | 06606 | 83656 | 85462 | 86270 |
| Roches Point | 952 | 81513 | 20105 | 24709 | 862// | 09511 | 88705 | | |
| Valentia | 953 | 71713 | 65105 | 21610 | 724// | 07604 | 81714 | 87819 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00161 | 022 | + | + |
| Hurn | 862 | 00141 | 006 | + | + |
| Manston | 797 | 00150 | 034 | + | + |
| Gatwick | 776 | 00161 | 030 | + | + |
| Kew | 775 | 00161 | 038 | + | + |
| Heathrow | 772 | 00171 | 035 | + | + |
| Honington | 586 | 00160 | 017 | + | + |
| Wattisham | 590 | 00151 | 025 | + | + |
| Gorleston | 497 | | 023 | | |
| Aberporth | 502 | 97131 | 020 | + | id. |
| Filton | 628 | 97131 | 003 | d. | + |
| Rhoose | 715 | 92121 | 000 | d.d.fd.r.ff | f |
| Hartland Point | 703 | 97111 | 000 | | |
| Mount Batten | 827 | 97111 | 000 | Fd.d.ff | d.d. |
| St. Mawgan | 817 | 97111 | 000 | d.ffd. | d.d.ff |
| Scilly | 804 | 00111 | 029 | ff | + |
| Culdrose | 809 | 97101 | 000 | id. | d.d.ff |
| Guernsey | 894 | 00131 | 071 | + | + |
| Elmdon | 534 | 00161 | 063 | + | + |
| Cardington | 559 | 00171 | 063 | + | + |
| Wittering | 462 | 00171 | 062 | + | + |
| Watnall | 354 | 00161 | 031 | + | + |
| Shawbury | 414 | 00171 | 058 | + | + |
| Finningley | 360 | 00151 | 055 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 93151 | 019 | r. | r. |
| Tynemouth | 262 | 92131 | 014 | + | ir |
| Carlisle | 222 | 92101 | 000 | ffr. | ir.r.r.ifr. |
| Valley | 302 | 97101 | 003 | fd.d. | d.f |
| Ringway | 334 | 00141 | 030 | f | + |
| Squires Gate | 318 | 97111 | 014 | d.iff | + |
| Ronaldsway | 204 | 00091 | 001 | if | if |
| Mull of Galloway | 131 | 00081 | | | |
| Eskdalemuir | 162 | 96101 | 000 | ffr. | r.r.ffd.r. |
| Prestwick | 135 | 97121 | 002 | id. | + |
| Abbotsinch | 140 | 97121 | 001 | d.d. | + |
| Leuchars | 171 | 91141 | 035 | + | ir.r.r. |
| Dyce | 091 | 00141 | 030 | + | + |
| Lerwick | 005 | 00091 | 078 | + | + |
| Wick | 075 | 00111 | 065 | + | + |
| Sule Skerry | 010 | 00091 | | | |
| Cape Wrath | 049 | 97080 | 029 | id.if | + |
| Stornoway | 026 | 95101 | 037 | + | r. |
| Benbecula | 022 | 02101 | 017 | jf | d.frrr.d.d. |
| Tiree | 100 | 92101 | 000 | fid.ffd.d. | d.d.dff |
| Aldergrove | 917 | 00141 | 009 | + | + |
| Malin | 980 | 9114 | 004 | | |
| Belmullet | 976 | 9712 | 018 | | |
| Birr | 965 | 9713 | 025 | | |
| Dublin | 969 | 0015 | 060 | | |
| Shannon | 962 | 9712 | 003 | | |
| Roches Point | 952 | 9709 | 000 | | |
| Valentia | 953 | 9413 | 017 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

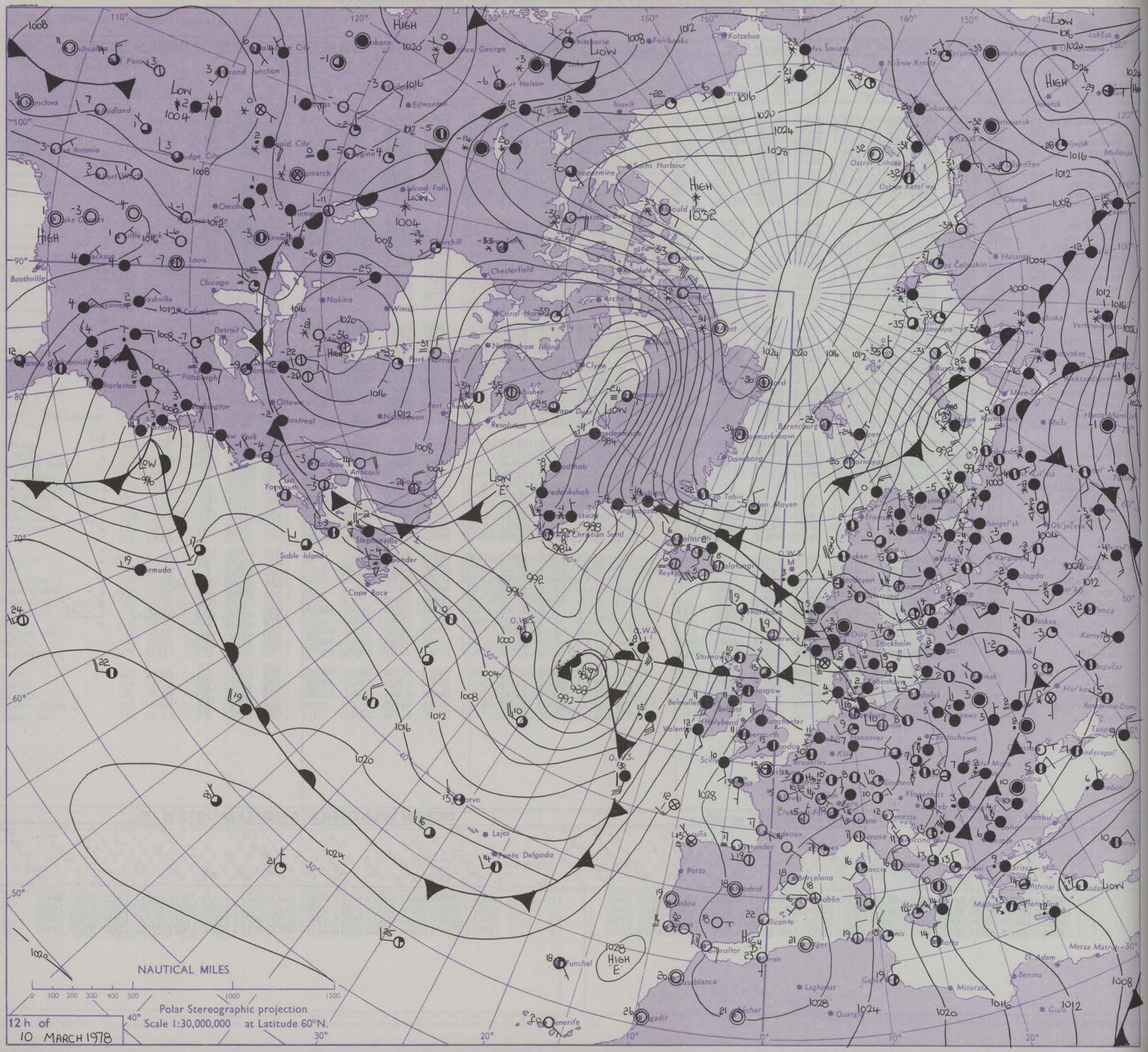
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 10121 | 63313 | 98012 | 96204 | 42550 | 00603 | 84828 | ///// | 0//52 | 10692 | 30505 | 26410 |
| | 99569 | 70208 | 10124 | 81228 | 97601 | 04408 | 5542/ | 00856 | 83710 | 85620 | 0//08 | 10951 | 30605 | 16007 |
| | 99651 | 10020 | 10124 | 80615 | 97616 | 05703 | 7532/ | 00304 | 84706 | 87625 | 0//02 | 10573 | 30302 | 29804 |
| | 99469 | 70170 | 10124 | 81833 | 97022 | 14312 | 8082/ | 00802 | 88457 | ///// | 0//11 | 11187 | 30914 | ///// |

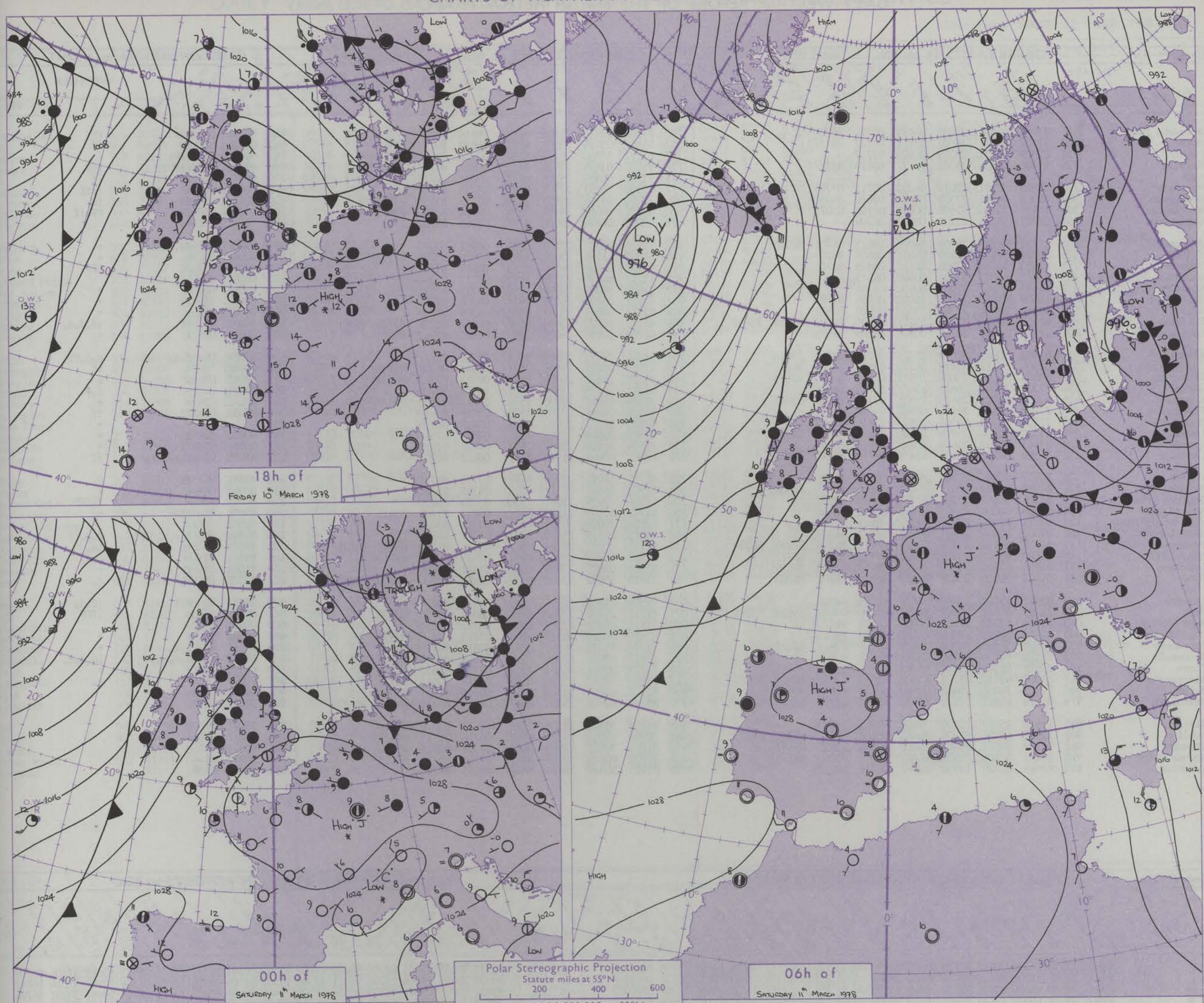
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 10181 | 62715 | 97278 | 00502 | 63400 | 00227 | ///// | ///// | 0//53 | 10655 | 30307 | 28411 |
| | 99570 | 70207 | 10184 | 81734 | 96616 | 92910 | 5732/ | 31627 | 85707 | 88525 | 0//09 | 10954 | 30606 | 16009 |
| | 99655 | 10020 | 10184 | 70113 | 98026 | 13903 | 75500 | 00247 | 87620 | ///// | 0//00 | 10676 | 30302 | 03703 |
| | 99470 | 70170 | 10184 | 52023 | 97016 | 14312 | 20932 | 00103 | 82358 | 85073 | 0//11 | 11187 | 30605 | 17910 |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday SATURDAY 11 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

An anticyclone persisted over Northern France throughout the past 24 hours, maintaining a mild moist southwesterly flow over most districts. Weak frontal troughs affected northern districts.

Westerly airflow is expected to penetrate eastwards across the country during the next 24 hours, with a ridge of high pressure persisting over France and a deep depression slow-moving southwest of Iceland.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 11 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81905 | 03461 | 28507 | 860// | 07712 | 88700 | | |
| Hurn | 862 | 91502 | 03471 | 28807 | 9//// | 07712 | 89/// | | |
| Manston | 797 | 02309 | 25101 | 28209 | 00900 | 09712 | | | |
| Gatwick | 776 | 92106 | 00454 | 28508 | 9//// | 08610 | 89/// | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 12205 | 30101 | 28010 | 16300 | 10711 | 81707 | | |
| Honington | 586 | 42003 | 24101 | 27309 | 00901 | 09610 | 84080 | | |
| Wattisham | 590 | 52409 | 25100 | 27608 | 00902 | 08710 | 85075 | | |
| Gorleston | 497 | 02307 | 44021 | 27209 | 00900 | 08709 | | | |
| Aberporth | 502 | 81718 | 40205 | 25909 | 860// | 09613 | 84701 | 88703 | |
| Filton | 628 | 82202 | 56102 | 28209 | 863// | 08609 | 88706 | | |
| Rhoose | 715 | 81603 | 40284 | 27908 | 861// | 08605 | 88702 | | |
| Hartland Point | 703 | 01812 | 62025 | 27408 | 00900 | 08513 | | | |
| Mount Batten | 827 | 01406 | 45101 | 27907 | 00900 | 07708 | | | |
| St.Mawgan | 817 | 11609 | 08415 | 27008 | 16000 | 08505 | 81701 | | |
| Scilly | 804 | 31510 | 58031 | 25309 | 35500 | 09807 | 83621 | | |
| Culdrose | 809 | 61508 | 24105 | 27308 | 5521/ | 08802 | 82703 | 83618 | 85459 |
| Guernsey | 894 | 11806 | 50050 | 28711 | 00901 | 08609 | 81075 | | |
| Elmdon | 534 | 81902 | 50042 | 27010 | 854// | 09711 | 85710 | 88618 | |
| Cardington | 559 | 52206 | 50111 | 27109 | 56200 | 09811 | 83703 | 84713 | |
| Wittering | 462 | 52605 | 35101 | 27009 | 10931 | 08711 | 81360 | 85075 | |
| Watnall | 354 | 82303 | 20041 | 26611 | 854// | 10713 | 88616 | | |
| Shawbury | 414 | 52005 | 66021 | 26410 | 25501 | 09708 | 82620 | 85075 | |
| Finningley | 360 | 20000 | 08461 | 26206 | 00902 | 05710 | 82075 | | |
| Spurn Point | 396 | 22207 | 15101 | 26508 | 20970 | 08713 | 82360 | | |
| Leeming | 257 | 51502 | 30104 | 25906 | 25530 | 06812 | 82625 | 84359 | |
| Tynemouth | 262 | 61805 | 39102 | 25609 | 6097/ | 09813 | 86359 | | |
| Carlisle | 222 | 81602 | 32216 | 25108 | 854// | 08715 | 86713 | 88635 | |
| Valley | 302 | 81917 | 20285 | 25508 | 860// | 08809 | 88701 | | |
| Ringway | 334 | 81907 | 30042 | 25912 | 854// | 09610 | 83615 | 88626 | |
| Squires Gate | 318 | 81502 | 30102 | 25709 | 855// | 09510 | 88622 | | |
| Ronaldsway | 204 | 82008 | 08504 | 24707 | 870// | 07610 | 88701 | | |
| Mull of Galloway | 131 | 92121 | 02454 | 23607 | 9//// | 07811 | 89/01 | | |
| Eskdalemuir | 162 | 81602 | 08516 | 25407 | 870// | 07713 | 88701 | | |
| Prestwick | 135 | 81913 | 59152 | 23709 | 872// | 08712 | 81703 | 83705 | 86708 |
| Abbotsinch | 140 | 81602 | 65022 | 23709 | 863// | 07712 | 83707 | 88712 | |
| Leuchars | 171 | 82405 | 45106 | 23909 | 852// | 08713 | 83705 | 88616 | |
| Dyce | 091 | 81407 | 20106 | 23408 | 861// | 08815 | 86702 | 88703 | |
| Lerwick | 005 | 82002 | 15101 | 23806 | 860// | 05305 | 88701 | | |
| Wick | 075 | 71209 | 60052 | 22807 | 6553/ | 05720 | 84623 | 85640 | 87358 |
| Sule Skerry | 010 | 81409 | 62022 | 22207 | 00907 | 06722 | 88275 | | |
| Cape Wrath | 049 | 81408 | 66022 | 19908 | 854// | 06732 | 88615 | | |
| Stornoway | 026 | 70702 | 60216 | 19208 | 754// | 07728 | 83615 | 87622 | |
| Benbecula | 022 | 71513 | 62036 | 18308 | 755// | 08719 | 87625 | | |
| Tiree | 100 | 81619 | 60102 | 19307 | 852// | 07714 | 83704 | 88622 | |
| Aldergrove | 917 | 51507 | 62012 | 21709 | 45402 | 08613 | 83615 | 84622 | 85070 |
| Malin | 980 | 51925 | 70031 | 19410 | 35602 | 05615 | 83645 | 83075 | |
| Belmullet | 976 | 81614 | 65102 | 17210 | 6543/ | 07617 | 82718 | 85628 | 87359 |
| Birr | 965 | 71812 | 75012 | 21209 | 756// | 07715 | 87633 | | |
| Dublin | 969 | 72103 | 66034 | 22808 | 36443 | 06506 | 83712 | 84362 | 87070 |
| Shannon | 962 | 51710 | 70012 | 20609 | 55500 | 07806 | 83622 | 85650 | |
| Roches Point | 952 | 81411 | 50106 | 22608 | 863// | 08807 | 83709 | 88717 | |
| Valentia | 953 | 81614 | 65028 | 19510 | 825// | 08716 | 88823 | | |

## OBSERVATIONS at 06h. 11 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 91509 | 02434 | 25106 | 9//// | 06819 | 89/01 | | |
| Hurn | 862 | 91402 | 03474 | 25606 | 9//// | 06819 | 89/// | | |
| Manston | 797 | 62212 | 58034 | 26107 | 15701 | 07710 | 81650 | 86075 | |
| Gatwick | 776 | 91803 | 01474 | 25906 | 9//// | 06817 | 89/// | | |
| Kew | 775 | 92105 | 06454 | 25507 | 9//// | 07817 | 89/// | | |
| Heathrow | 772 | 82306 | 10101 | 27708 | 861// | 08715 | 88702 | | |
| Honington | 586 | 72306 | 24104 | 24907 | 15736 | 07711 | 81650 | 87275 | |
| Wattisham | 590 | 52409 | 06414 | 24907 | 35702 | 07714 | 83650 | 83075 | |
| Gorleston | 497 | 90000 | 00474 | 25608 | 9//// | 07705 | 89/01 | | |
| Aberporth | 502 | 21916 | 66031 | 22207 | 00902 | 06511 | 82075 | | |
| Filton | 628 | 81602 | 11101 | 25007 | 860// | 07520 | 83701 | 88702 | |
| Rhoose | 715 | 91109 | 01454 | 24506 | 9//// | 06619 | 89/01 | | |
| Hartland Point | 703 | 12212 | 64030 | 23509 | 10930 | 06813 | 81360 | | |
| Mount Batten | 827 | 21608 | 50050 | 24908 | 15501 | 07715 | 81625 | | |
| St.Mawgan | 817 | 71811 | 25104 | 24008 | 762// | 08708 | 87705 | | |
| Scilly | 804 | 82011 | 58021 | 23109 | 863// | 09709 | 88709 | | |
| Culdrose | 809 | 82211 | 40102 | 23609 | 853// | 08612 | 82708 | 84709 | 88610 |
| Guernsey | 894 | 41708 | 50050 | 26209 | 20932 | 07620 | 82362 | 83075 | |
| Elmdon | 534 | 91905 | 07455 | 24008 | 9//// | 08720 | 89/// | | |
| Cardington | 559 | 72503 | 35101 | 25007 | 762// | 07814 | 86705 | 86706 | |
| Wittering | 462 | 82809 | 25101 | 24409 | 861// | 09713 | 85702 | 88703 | |
| Watnall | 354 | 82205 | 15105 | 23810 | 860// | 10615 | 88700 | | |
| Shawbury | 414 | 31606 | 45041 | 23308 | 15741 | 07613 | 81650 | 83075 | |
| Finningley | 360 | 31502 | 04444 | 22705 | 15432 | 05719 | 81618 | | |
| Spurn Point | 396 | 81606 | 25101 | 23607 | 865// | 07716 | 88725 | | |
| Leeming | 257 | 71507 | 30044 | 22108 | 754// | 07825 | 87616 | | |
| Tynemouth | 262 | 71906 | 56024 | 22407 | 756// | 07718 | 87630 | | |
| Carlisle | 222 | 82802 | 03464 | 21108 | 860// | 08622 | 88701 | | |
| Valley | 302 | 81915 | 58021 | 22208 | 864// | 07713 | 88711 | | |
| Ringway | 334 | 11903 | 35041 | 22311 | 10931 | 09722 | 81362 | | |
| Squires Gate | 318 | 11506 | 03424 | 21805 | 15500 | 05723 | 81620 | | |
| Ronaldsway | 204 | 81912 | 59105 | 21207 | 853// | 06817 | 81708 | 88616 | |
| Mull of Galloway | 131 | 82023 | 70024 | 19907 | 855// | 07719 | 88625 | | |
| Eskdalemuir | 162 | 82015 | 06516 | 21108 | 870// | 07731 | 88700 | | |
| Prestwick | 135 | 62116 | 70031 | 20307 | 654/1 | 05810 | 81710 | 83712 | 85616 |
| Abbotsinch | 140 | 82208 | 65022 | 20008 | 863// | 07615 | 83707 | 88710 | |
| Leuchars | 171 | 82306 | 59022 | 19809 | 863// | 07621 | 88708 | | |
| Dyce | 091 | 71810 | 56052 | 18608 | 6537/ | 07622 | 81706 | 83708 | 85635 |
| Lerwick | 005 | 91506 | 03504 | 20105 | 9//// | 04723 | 89/00 | | |
| Wick | 075 | 81711 | 20102 | 18007 | 862// | 06622 | 85703 | 88705 | |
| Sule Skerry | 010 | 81412 | 62022 | 17307 | 00907 | 06722 | 88275 | | |
| Cape Wrath | 049 | 81411 | 80022 | 16510 | 884// | 07713 | 85815 | 88620 | |
| Stornoway | 026 | 81916 | 65035 | 16109 | 854// | 07811 | 84615 | 88635 | |
| Benbecula | 022 | 71612 | 63025 | 15208 | 754// | 07616 | 81710 | 87626 | |
| Tiree | 100 | 71715 | 60101 | 16507 | 755// | 07717 | 87622 | | |
| Aldergrove | 917 | 81709 | 58042 | 19108 | 854// | 06719 | 83615 | 88618 | |
| Malin | 980 | 81713 | 65101 | 16509 | 3547/ | 06716 | 81717 | 88461 | |
| Belmullet | 976 | 81614 | 62606 | 14209 | 864// | 09715 | 83712 | 86717 | 88627 |
| Birr | 965 | 71708 | 58102 | 18308 | 754// | 06623 | 83710 | 87630 | |
| Dublin | 969 | 72306 | 70012 | 19208 | 654/2 | 06716 | 83715 | 84625 | |
| Shannon | 962 | 81715 | 70022 | 17509 | 854// | 07724 | 83713 | 83620 | 88650 |
| Roches Point | 952 | 81511 | 60626 | 19708 | 874// | 07715 | 85711 | 88716 | |
| Valentia | 953 | 81713 | 50618 | 16810 | 863// | 09615 | 88708 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00061 | 03 | fffF | FFf |
| Hurn | 862 | 00051 | 03 | ff | ff |
| Manston | 797 | 97060 | 04 | ifFf | f |
| Gatwick | 776 | 91051 | 03 | ifFFff | fffF |
| Kew | 775 | 00071 | 04 | + | ff |
| Heathrow | 772 | 00071 | 06 | + | ifff |
| Honington | 586 | 00060 | 03 | ff | fw |
| Wattisham | 590 | 97061 | 04 | fFe | FFeif |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 97071 | 06 | id$_o$ | + |
| Filton | 628 | 00061 | 02 | + | + |
| Rhoose | 715 | 97061 | 05 | ff | fFF |
| Hartland Point | 703 | 00081 | 06 | | |
| Mount Batten | 827 | 00061 | 02 | + | + |
| St.Mawgan | 817 | 00071 | 05 | ff | + |
| Scilly | 804 | 00081 | 07 | + | + |
| Culdrose | 809 | 97071 | 06 | ff | id$_o$d$_o$d$_o$ |
| Guernsey | 894 | 00091 | 07 | + | + |
| Elmdon | 534 | 97081 | 06 | d$_o$d$_o$ | d$_o$d$_o$ff |
| Cardington | 559 | 00041 | 50 | + | if |
| Wittering | 462 | 97081 | 05 | w | w |
| Watnall | 354 | 97081 | 03 | + | d$_o$f |
| Shawbury | 414 | 00071 | 03 | + | + |
| Finningley | 360 | 00051 | 01 | ff | ff |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00061 | 02 | f | + |
| Tynemouth | 262 | 00061 | 05 | ff | + |
| Carlisle | 222 | 97071 | 07 | r$_o$r$_o$d$_o$r$_o$ | ff |
| Valley | 302 | 97071 | 05 | ff | d$_o$ |
| Ringway | 334 | 00081 | 06 | + | + |
| Squires Gate | 318 | 00051 | 50 | + | fifFF |
| Ronaldsway | 204 | 97071 | 07 | ffdd | + |
| Mull of Galloway | 131 | 00061 | | | |
| Eskdalemuir | 162 | 01061 | 04 | d$_o$r$_o$d$_o$r$_o$ff | d$_o$d$_o$ff |
| Prestwick | 135 | 97071 | 06 | jp | id$_o$ |
| Abbotsinch | 140 | 97081 | 07 | + | d$_o$d$_o$ |
| Leuchars | 171 | 91081 | 05 | ir$_o$ | + |
| Dyce | 091 | 97071 | 06 | r$_o$ | d$_o$ |
| Lerwick | 005 | 91031 | 50 | Fff | ffid$_o$ |
| Wick | 075 | 00051 | 03 | + | ifFF |
| Sule Skerry | 010 | 00061 | 05 | | |
| Cape Wrath | 049 | 00060 | 06 | + | + |
| Stornoway | 026 | 96071 | 06 | r$_o$d$_o$ | + |
| Benbecula | 022 | 01071 | 05 | d$_o$d$_o$id$_o$ | id$_o$r$_o$r$_o$ |
| Tiree | 100 | 00071 | 06 | + | + |
| Aldergrove | 917 | 97071 | 06 | + | r$_o$ |
| Malin | 980 | 0008 | 06 | | |
| Belmullet | 976 | 0209 | 08 | | |
| Birr | 965 | 0007 | 04 | | |
| Dublin | 969 | 9706 | 03 | | |
| Shannon | 962 | 9708 | 06 | | |
| Roches Point | 952 | 9508 | 08 | | |
| Valentia | 953 | 0609 | 09 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 11001 | 22912 | 98278 | 05303 | 23400 | 00120 | ///// | ///// | 0//54 | 10661 | 3//05 | 28/10 |
| L | 99570 | 70206 | 11004 | 31745 | 97076 | 94908 | 15502 | 41004 | 81625 | 83075 | 0//03 | 10957 | 30712 | 16011 |
| M | 99654 | 10020 | 11004 | 50109 | 98022 | 19004 | 55500 | 00119 | 85625 | ///// | 0//03 | 10666 | 30301 | 03703 |
| R | 99468 | 70172 | 11004 | 22124 | 98010 | 16712 | 28500 | 00000 | 81820 | ///// | 0//10 | 11160 | 30908 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 11061 | 62709 | 98038 | 07803 | 22502 | 00107 | ///// | ///// | 0//53 | 10669 | 3//04 | 28/09 |
| L | 99570 | 70209 | 11064 | 22244 | 96071 | 97706 | 15502 | 61109 | 81625 | ///// | 0//04 | 10949 | 31014 | 16012 |
| M | 99654 | 10018 | 11064 | 71309 | 98801 | 19304 | 79400 | 00805 | 85918 | ///// | 0//03 | 10667 | 30201 | 36704 |
| R | 99469 | 70170 | 11064 | 52025 | 98031 | 14711 | 48530 | 00713 | 81820 | 83633 | 0//09 | 11178 | 30908 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42479

*Date of Issue* SUNDAY 12 MARCH 1978


Code FM 11.V

## OBSERVATIONS at 12h. 11 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71506 | 35054 | 23210 | 56206 | 09714 | 85705 | 87275 | |
| Hurn | 862 | 61604 | 40054 | 23412 | 10931 | 09716 | 81361 | 86075 | |
| Manston | 797 | 52112 | 46052 | 23916 | 20932 | 10616 | 82362 | 84072 | |
| Gatwick | 776 | 31801 | 45044 | 23912 | 38400 | 10714 | 81810 | 83657 | |
| Kew | 775 | 62111 | 58054 | 23314 | 15744 | 07714 | 81656 | 86075 | |
| Heathrow | 772 | 61908 | 60014 | 23315 | 28686 | 09715 | 81840 | 85075 | |
| Honington | 586 | 71907 | 40052 | 23112 | 10986 | 09715 | 81362 | 87275 | |
| Wattisham | 590 | 62110 | 20054 | 23212 | 20982 | 10715 | 82359 | 85075 | |
| Gorleston | 497 | 01806 | 48054 | 22910 | 00900 | 07717 | | | |
| Aberporth | 502 | 81812 | 20514 | 20608 | 870// | 08610 | 88701 | | |
| Filton | 628 | 61910 | 45054 | 21813 | 00902 | 09712 | 86076 | | |
| Rhoose | 715 | 71107 | 48054 | 21709 | 10916 | 08718 | 81465 | 87275 | |
| Hartland Point | 703 | 82415 | 40505 | 21609 | 872// | 08611 | 84704 | 88712 | |
| Mount Batten | 827 | 82014 | 28501 | 22510 | 854// | 09714 | 84710 | 88630 | |
| St.Mawgan | 817 | 82110 | 50515 | 22209 | 872// | 08704 | 83705 | 88708 | |
| Scilly | 804 | 81912 | 82022 | 21310 | 855// | 09709 | 88625 | | |
| Culdrose | 809 | 82111 | 45285 | 21909 | 853// | 09808 | 81708 | 88630 | |
| Guernsey | 894 | 61709 | 57051 | 23811 | 10932 | 07713 | 81362 | 86075 | |
| Elmdon | 534 | 71809 | 60044 | 21313 | 10932 | 07816 | 81365 | 87075 | |
| Cardington | 559 | 52207 | 57054 | 22615 | 10982 | 07714 | 81358 | 85075 | |
| Wittering | 462 | 62208 | 50052 | 22312 | 10932 | 08712 | 81359 | 86075 | |
| Watnall | 354 | 71907 | 40054 | 21713 | 00902 | 09714 | 87075 | | |
| Shawbury | 414 | 71508 | 57041 | 20612 | 5563/ | 09714 | 83640 | 84650 | 86359 |
| Finningley | 360 | 71709 | 50044 | 20912 | 56332 | 09814 | 85709 | 87075 | |
| Spurn Point | | | | | | | | | |
| Leeming | 257 | 71507 | 50042 | 19213 | 25432 | 10823 | 82616 | 87075 | |
| Tynemouth | 262 | 81908 | 25052 | 19612 | 8097/ | 10818 | 88360 | | |
| Carlisle | 222 | 70903 | 56044 | 19210 | 55432 | 08616 | 82710 | 83618 | 85625 |
| Valley | 302 | 81917 | 32505 | 20008 | 872// | 07510 | 87704 | 88710 | |
| Ringway | 334 | 81910 | 56041 | 20012 | 00907 | 07819 | 88275 | | |
| Squires Gate | 318 | 82305 | 57044 | 19911 | 68507 | 08713 | 81820 | 86645 | 88275 |
| Ronaldsway | 204 | 82011 | 30102 | 18908 | 862// | 07716 | 88704 | | |
| Mull of Galloway | 131 | 82125 | 58022 | 17707 | 855// | 07719 | 88625 | | |
| Eskdalemuir | 162 | 81815 | 30105 | 19007 | 862// | 06717 | 84703 | 88705 | |
| Prestwick | 135 | 82207 | 62025 | 17710 | 7542/ | 06614 | 81712 | 87620 | |
| Abbotsinch | 140 | 81807 | 62035 | 17210 | 7547/ | 06617 | 81714 | 84618 | 86630 |
| Leuchars | 171 | 72414 | 68032 | 18109 | 684/8 | 04709 | 82815 | 85622 | 87275 |
| Dyce | 091 | 81716 | 80025 | 16510 | 4547/ | 07815 | 81618 | 84630 | 86362 |
| Lerwick | 005 | 81614 | 56105 | 16706 | 852// | 05823 | 83705 | 83710 | 88635 |
| Wick | 075 | 82007 | 68054 | 15308 | 25477 | 06712 | 81715 | 86362 | 88272 |
| Sule Skerry | 010 | 81409 | 60022 | 14607 | 25577 | 06716 | 82625 | 88275 | |
| Cape Wrath | 049 | 82310 | 74022 | 14408 | 4541/ | 06709 | 84615 | 88458 | |
| Stornoway | 026 | 81917 | 50632 | 13707 | 6732/ | 07712 | 82706 | 86710 | 88530 |
| Benbecula | 022 | 81616 | 30586 | 12808 | 7522/ | 07710 | 82703 | 86706 | 86612 |
| Tiree | 100 | 81715 | 33516 | 14107 | 851// | 07711 | 82702 | 87704 | 88612 |
| Aldergrove | 917 | 81711 | 58046 | 16509 | 854// | 06716 | 88615 | | |
| Malin | 980 | 81918 | 68606 | 14510 | 5547/ | 07709 | 81716 | 85635 | 88459 |
| Belmullet | 976 | 81913 | 56506 | 13310 | 863// | 09704 | 85706 | 88714 | |
| Birr | 965 | 81708 | 60616 | 16410 | 5642/ | 09711 | 85712 | 88458 | |
| Dublin | 969 | 81402 | 57606 | 17210 | 855// | 07809 | 84620 | 86630 | 88650 |
| Shannon | 962 | 81907 | 80026 | 15612 | 7647/ | 09710 | 81710 | 84718 | 85630 |
| Roches Point | 952 | 91913 | 03476 | 17309 | 9//// | 09811 | 89/00 | | |
| Valentia | 953 | 72213 | 64026 | 15611 | 723// | 10809 | 82707 | 85714 | 86822 |

## OBSERVATIONS at 18h. 11 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72007 | 50052 | 18709 | 26488 | 07610 | 82710 | 83359 | 87272 |
| Hurn | 862 | 72206 | 50052 | 19510 | 25432 | 08612 | 82615 | 87075 | |
| Manston | 797 | 71809 | 50252 | 19512 | 70882 | 09617 | 83357 | 86360 | |
| Gatwick | 776 | 81909 | 40041 | 18910 | 60987 | 07717 | 83358 | 83364 | 88272 |
| Kew | 775 | 71806 | 58052 | 18413 | 15731 | 08615 | 81656 | 84362 | 87075 |
| Heathrow | 772 | 71906 | 56052 | 18414 | 15788 | 09616 | 81656 | 83362 | 87275 |
| Honington | 586 | 71806 | 50052 | 17814 | 20988 | 07618 | 82360 | 87275 | |
| Wattisham | 590 | 71911 | 50052 | 18113 | 20932 | 09718 | 82360 | 87075 | |
| Gorleston | 497 | 71711 | 48051 | 18607 | 7097/ | 05716 | 87358 | | |
| Aberporth | 502 | 81719 | 57256 | 15708 | 6817/ | 07723 | 83702 | 83812 | 88459 |
| Filton | 628 | 82606 | 45052 | 18810 | 855// | 08504 | 88622 | | |
| Rhoose | 715 | 73004 | 60052 | 17809 | 755// | 07816 | 83620 | 87635 | |
| Hartland Point | 703 | 82410 | 56025 | 17709 | 852// | 08720 | 85705 | 88625 | |
| Mount Batten | 827 | 82106 | 45055 | 18909 | 853// | 08718 | 82709 | 84635 | 88650 |
| St.Mawgan | 817 | 81712 | 08625 | 18009 | 870// | 09719 | 85700 | 88701 | |
| Scilly | 804 | 91913 | 02626 | 17910 | 9//// | 10615 | 89/00 | | |
| Culdrose | 809 | 82112 | 35605 | 18509 | 870// | 09616 | 84701 | 88703 | |
| Guernsey | 894 | 72813 | 56102 | 20909 | 4535/ | 08708 | 82706 | 84635 | 87362 |
| Elmdon | 534 | 82509 | 58042 | 17611 | 44537 | 06609 | 84620 | 88270 | |
| Cardington | 559 | 72110 | 59052 | 17514 | 35788 | 08615 | 83650 | 85360 | 87275 |
| Wittering | 462 | 82307 | 58052 | 17213 | 50977 | 09616 | 85359 | 88275 | |
| Watnall | 354 | 72308 | 50042 | 17211 | 20938 | 07713 | 82360 | 87270 | |
| Shawbury | 414 | 71806 | 58212 | 17110 | 35572 | 08712 | 82622 | 83359 | 85465 |
| Finningley | 360 | 82408 | 58042 | 16511 | 00907 | 07613 | 88272 | | |
| Spurn Point | 396 | 70000 | 35102 | 16707 | 40971 | 05715 | 84360 | 87075 | |
| Leeming | 257 | 72205 | 40042 | 15611 | 45508 | 08710 | 84620 | 87270 | |
| Tynemouth | 262 | 72503 | 56022 | 15411 | 756// | 06714 | 87630 | | |
| Carlisle | 222 | 82403 | 50042 | 14809 | 7542/ | 07717 | 83616 | 86622 | 88462 |
| Valley | 302 | 81815 | 45635 | 15808 | 872// | 07621 | 88705 | | |
| Ringway | 334 | 82110 | 50042 | 16611 | 864// | 07813 | 88718 | | |
| Squires Gate | 318 | 81702 | 56042 | 15708 | 6567/ | 07721 | 86640 | 88360 | |
| Ronaldsway | 204 | 82111 | 30632 | 14607 | 871// | 07720 | 82702 | 88703 | |
| Mull of Galloway | 131 | 92120 | 06616 | 13407 | 9//// | 07721 | 89/// | | |
| Eskdalemuir | 162 | 81912 | 50055 | 14807 | 862// | 05720 | 86705 | 88709 | |
| Prestwick | 135 | 81706 | 57636 | 13408 | 7542/ | 07720 | 82711 | 84618 | 87622 |
| Abbotsinch | 140 | 80000 | 56636 | 13408 | 873// | 07614 | 82706 | 85708 | 88710 |
| Leuchars | 171 | 82006 | 56612 | 13308 | 7547/ | 07721 | 81712 | 83616 | 86620 |
| Dyce | 091 | 81910 | 65602 | 12409 | 35678 | 05618 | 81630 | 83645 | 87459 |
| Lerwick | 005 | 91709 | 01434 | 11006 | 9//// | 06725 | 89/00 | | |
| Wick | 075 | 81908 | 75602 | 11209 | 35537 | 05611 | 81620 | 83656 | 85360 |
| Sule Skerry | 010 | 80000 | 62036 | 11107 | 6641/ | 07717 | 86715 | 88460 | |
| Cape Wrath | 049 | 72314 | 69026 | 09907 | 4547/ | 06716 | 84615 | 87360 | |
| Stornoway | 026 | 81913 | 58216 | 10007 | 852// | 07712 | 83704 | 86708 | 88612 |
| Benbecula | 022 | 81811 | 20506 | 09108 | 861// | 08719 | 83702 | 88704 | |
| Tiree | 100 | 81813 | 20106 | 10507 | 861// | 07716 | 85702 | 88704 | |
| Aldergrove | 917 | 71707 | 58216 | 12609 | 65376 | 08718 | 83706 | 84613 | 86630 |
| Malin | 980 | 51807 | 80016 | 10910 | 38508 | 08716 | 81820 | 83638 | |
| Belmullet | 976 | 51913 | 66255 | 09809 | 485/2 | 08715 | 83820 | | |
| Birr | 965 | 21505 | 75016 | 12111 | 12502 | 08717 | 81820 | | |
| Dublin | 969 | 70000 | 20216 | 13209 | 5543/ | 08714 | 82717 | 84640 | 85360 |
| Shannon | 962 | 12210 | 82021 | 11912 | 12502 | 06615 | 81825 | | |
| Roches Point | 952 | 81707 | 45204 | 14309 | 862// | 08712 | 88704 | | |
| Valentia | 953 | 71711 | 70021 | 11910 | 62502 | 09717 | 86820 | 84070 | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00151 | 032 | ff | + |
| Hurn | 862 | 00131 | 049 | + | + |
| Manston | 797 | 91171 | 053 | + | $pr_oir_o$ |
| Gatwick | 776 | 00151 | 040 | f | + |
| Kew | 775 | 94161 | 047 | + | $r_o$ |
| Heathrow | 772 | 97161 | 035 | ff | $r_o$ |
| Honington | 586 | 00170 | 059 | + | + |
| Wattisham | 590 | 00170 | 060 | f | + |
| Gorleston | 497 | | 069 | | |
| Aberporth | 502 | 93101 | 000 | $d_od_of$ | $id_or_opr_od_od_o$ |
| Filton | 628 | 00151 | 032 | if | + |
| Rhoose | 715 | 92121 | 013 | FFf | $r_o$ |
| Hartland Point | 703 | 01092 | 003 | | |
| Mount Batten | 827 | 96111 | 002 | $id_o$ | $id_odrid_o$ |
| St.Mawgan | 817 | 01111 | 000 | $d_od_o$ | ~~dir~~ $rd_oF$ |
| Scilly | 804 | 03102 | 000 | idir | ddir |
| Culdrose | 809 | 01102 | 000 | $d_od_ojf$ | $id_oir_oid_od_od_o$ |
| Guernsey | 894 | 00131 | 072 | + | + |
| Elmdon | 534 | 00151 | 030 | + | + |
| Cardington | 559 | 97171 | 061 | + | $r_o$ |
| Wittering | 462 | 00161 | 041 | + | + |
| Watnall | 354 | 00151 | 010 | + | + |
| Shawbury | 414 | 97131 | 002 | + | $r_o$ |
| Finningley | 360 | 00151 | 030 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00151 | 025 | + | + |
| Tynemouth | 262 | 00141 | 004 | + | + |
| Carlisle | 222 | 94111 | 002 | + | $d_or_o-r_or_o$ |
| Valley | 302 | 02091 | 000 | $id_o$ | rd |
| Ringway | 334 | 00131 | 027 | + | + |
| Squires Gate | 318 | 92111 | 007 | Ff | $r_or_o$ |
| Ronaldsway | 204 | 08091 | 000 | $r_or$ | $rrir_odr$ |
| Mull of Galloway | 131 | 07071 | | | |
| Eskdalemuir | 162 | 01071 | 000 | $d_oid_o$ | $dfid_od_or_or_or_o$ |
| Prestwick | 135 | 07101 | 000 | $id_orr$ | $rrr_or_o$ |
| Abbotsinch | 140 | 06102 | 001 | $id_or_o$ | $r_orr$ |
| Leuchars | 171 | 01101 | 002 | + | $r_or_or$ |
| Dyce | 091 | 91111 | 003 | $d_od_o$ | $r_or_oir_o$ |
| Lerwick | 005 | 00061 | 000 | ifff | ff |
| Wick | 075 | 01102 | 002 | FFff | $ir_or_or_o$ |
| Sule Skerry | 010 | 94071 | | | |
| Cape Wrath | 049 | 94111 | 000 | $ir_o$ | + |
| Stornoway | 026 | 03081 | 000 | $rrd_od_o$ | $d_or_od_od_o$ |
| Benbecula | 022 | 03081 | 000 | $ddr_or_od_or_o$ | $d_od_of$ |
| Tiree | 100 | 06081 | 000 | $d_or_oRrdr$ | $d_od_od_or_oir_o$ |
| Aldergrove | 917 | 04092 | 000 | $ir_or_or$ | $drd_or_o$ |
| Malin | 980 | 0111 | 010 | | |
| Belmullet | 976 | 0012 | 035 | | |
| Birr | 965 | 0212 | 016 | | |
| Dublin | 969 | 0210 | 001 | | |
| Shannon | 962 | 9715 | 019 | | |
| Roches Point | 952 | 0210 | 000 | | |
| Valentia | 953 | 0013 | 026 | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 12h.

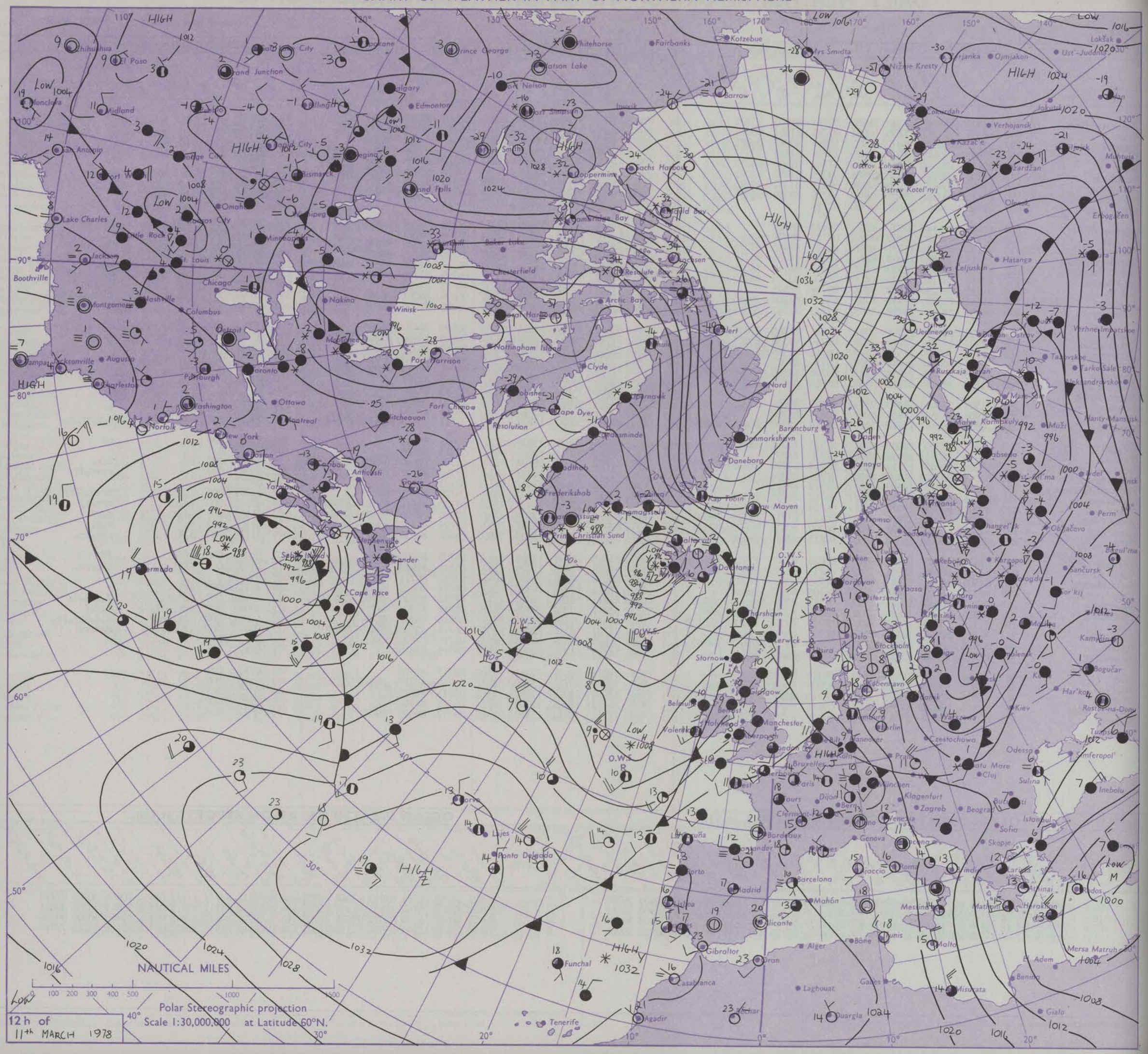
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 11121 | 62512 | 98018 | 07503 | 32562 | 00400 | ///// | ///// | 05601 | 10699 | 30404 | 28908 |
| L | 99570 | 70209 | 11124 | 52528 | 97258 | 03405 | 49431 | 61235 | 81912 | 83815 | 0//02 | 10948 | 30908 | 24012 |
| M | 99654 | 10017 | 11124 | 71719 | 98251 | 16605 | 79400 | 00717 | 82913 | 83815 | 0//04 | 10663 | 30403 | 99/04 |
| R | 99471 | 70170 | 11124 | 72125 | 96258 | 13510 | 69463 | 00706 | 82710 | 86916 | 0//06 | 11180 | 30910 | 29206 |

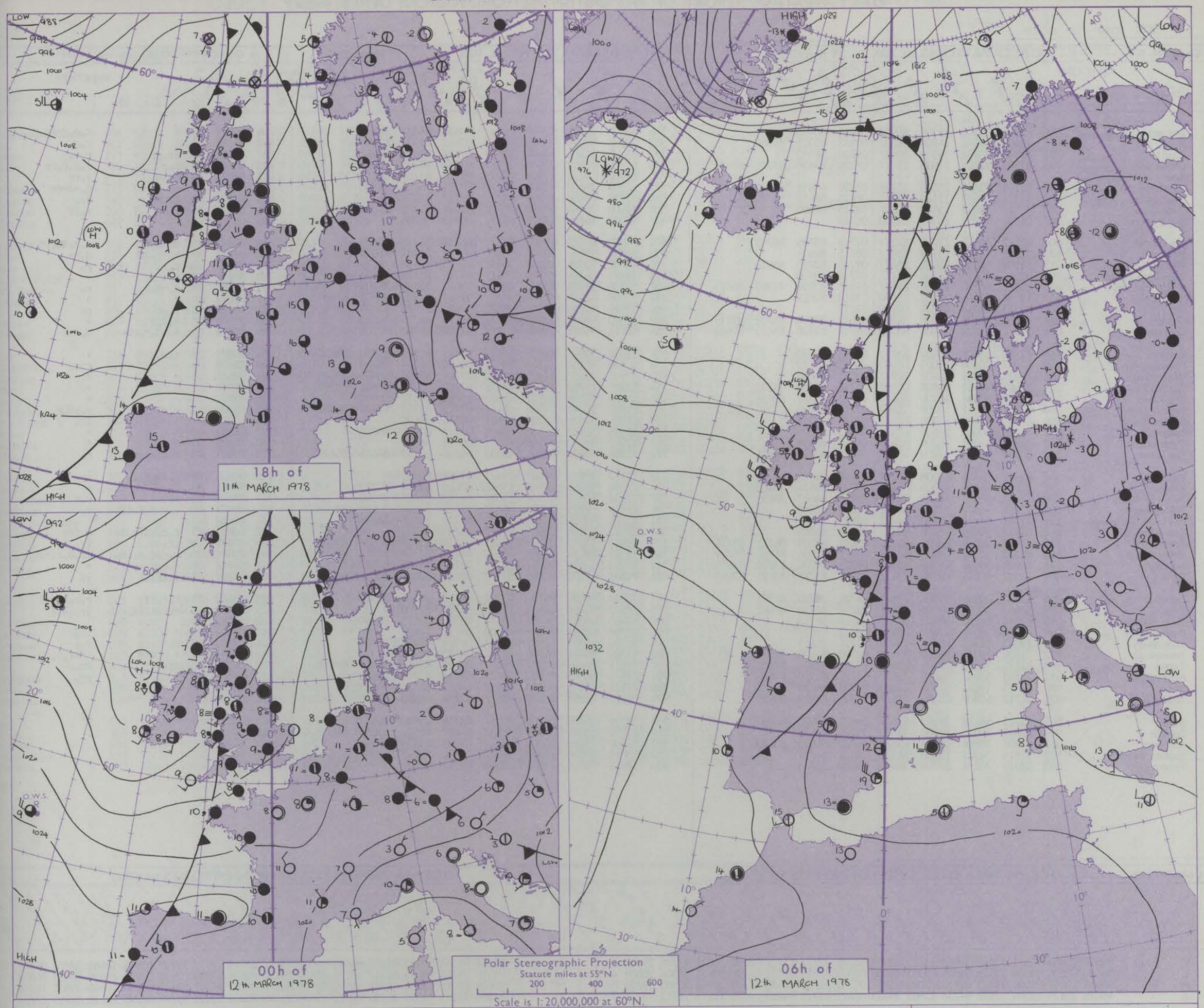
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 11181 | 62913 | 97268 | 09903 | 63400 | 00118 | ///// | ///// | 05653 | 10665 | 30707 | ///// |
| L | 99570 | 70203 | 11184 | 52522 | 97168 | 05005 | 49432 | 61313 | 81912 | 83815 | 0//01 | 10943 | 30505 | 20011 |
| M | 99655 | 10017 | 11184 | 81822 | 98022 | 11705 | 7847/ | 00727 | 81815 | 87645 | 0//04 | 10669 | 30504 | 99/04 |
| R | 99470 | 70173 | 11184 | 43034 | 97158 | 17309 | 49400 | 00248 | 81915 | 83820 | 0//05 | 11188 | 31015 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday SUNDAY 12 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a deep depression southwest of Iceland moved northwest filling slowly. An associated cold front moved east across the British Isles. A further low developed to the west of Ireland and moved rather quickly northeast towards the Hebrides.

During the next 24 hours the depression near Iceland will continue filling slowly. The low near the Hebrides will move northeast and fill, leaving a weak ridge of high pressure over the British Isles. A further deep low will move rapidly northeast towards northwest Ireland later.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

## Code FM 11.V — OBSERVATIONS at 00h. 12 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82206 | 35102 | 16306 | 8092/ | 06611 | 88465 | | |
| Hurn | 862 | 72406 | 56101 | 16808 | 5623/ | 07613 | 85705 | 85360 | |
| Manston | 797 | 81806 | 30106 | 16509 | 8092/ | 08820 | 88462 | | |
| Gatwick | 776 | 81507 | 22216 | 15908 | 4577/ | 08721 | 84656 | 86359 | 88462 |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82106 | 32106 | 15509 | 5577/ | 08720 | 85656 | 88360 | |
| Honington | 586 | 81709 | 24632 | 15110 | 858// | 08815 | 88657 | | |
| Wattisham | 590 | 81910 | 30622 | 15809 | 8072/ | 08713 | 88550 | | |
| Gorleston | 497 | 01809 | 48051 | 16306 | 00900 | 05712 | | | |
| Aberporth | 502 | 82017 | 50518 | 13208 | 872// | 07719 | 85705 | 88708 | |
| Filton | 628 | 81907 | 45602 | 15709 | 854// | 08715 | 88617 | | |
| Rhoose | 715 | 81204 | 68026 | 14908 | 854// | 07715 | 82710 | 88622 | |
| Hartland Point | 703 | 92315 | 00515 | 14808 | 9//// | 08716 | 89/00 | | |
| Mount Batten | 827 | 82311 | 30206 | 15909 | 850// | 09617 | 83701 | 87706 | 88615 |
| St.Mawgan | 817 | 12108 | 70016 | 16007 | 15400 | 07612 | 81612 | | |
| Scilly | 804 | 02013 | 61016 | 15209 | 00900 | 09717 | | | |
| Culdrose | 809 | 72309 | 60106 | 16208 | 763// | 07612 | 83706 | 84709 | 87711 |
| Guernsey | 894 | 82411 | 68022 | 17808 | 853// | 08718 | 82708 | 86613 | 87622 |
| Elmdon | 534 | 82310 | 58602 | 14409 | 857// | 06713 | 88650 | | |
| Cardington | 559 | 82007 | 20106 | 15008 | 00907 | 08614 | 88272 | | |
| Wittering | 462 | 82407 | 56052 | 14408 | 8097/ | 07715 | 88359 | | |
| Watnall | 354 | 82405 | 30052 | 14508 | 60927 | 07712 | 86460 | 88270 | |
| Shawbury | 414 | 81807 | 63246 | 13709 | 854// | 08717 | 83616 | 88656 | |
| Finningley | 360 | 82108 | 50042 | 13208 | 15657 | 07713 | 81630 | 85359 | 88272 |
| Spurn Point | 396 | 81806 | 45101 | 13708 | 865// | 07715 | 88725 | | |
| Leeming | 257 | 81405 | 50042 | 12509 | 855// | 08613 | 88620 | | |
| Tynemouth | 262 | 81804 | 56022 | 12208 | 8097/ | 06717 | 88458 | | |
| Carlisle | 222 | 80302 | 40605 | 11407 | 854// | 07617 | 83710 | 88616 | |
| Valley | 302 | 81917 | 08446 | 12308 | 870// | 07719 | 88700 | | |
| Ringway | 334 | 82009 | 56606 | 13309 | 6542/ | 07712 | 86616 | 88460 | |
| Squires Gate | 318 | 71707 | 57216 | 12608 | 754// | 08716 | 84617 | 87623 | |
| Ronaldsway | 204 | 82116 | 10506 | 11007 | 860// | 07620 | 88700 | | |
| Mull of Galloway | 131 | 92314 | 01456 | 10707 | 9//// | 07713 | 89/// | | |
| Eskdalemuir | 162 | 81910 | 30616 | 11106 | 872// | 06822 | 88703 | | |
| Prestwick | 135 | 81907 | 66026 | 09807 | 863// | 07617 | 83709 | 86711 | 88714 |
| Abbotsinch | 140 | 82202 | 50506 | 09508 | 872// | 07721 | 82704 | 85706 | 88709 |
| Leuchars | 171 | 80000 | 59616 | 09707 | 853// | 06723 | 81706 | 83710 | 88635 |
| Dyce | 091 | 72202 | 60616 | 08707 | 754// | 07717 | 81710 | 83622 | 87643 |
| Lerwick | 005 | 82105 | 30636 | 07906 | 870// | 06719 | 84700 | 88702 | |
| Wick | 075 | 80602 | 50636 | 07906 | 854// | 06718 | 84714 | 88642 | |
| Sule Skerry | 010 | 82012 | 64505 | 08207 | 874// | 06713 | 88715 | | |
| Cape Wrath | 049 | 82315 | 70022 | 07607 | 854// | 06712 | 88615 | | |
| Stornoway | 026 | 12015 | 65205 | 06707 | 15400 | 07721 | 81615 | | |
| Benbecula | 022 | 71606 | 70015 | 06207 | 755// | 06720 | 84620 | 86640 | |
| Tiree | 100 | 81811 | 12286 | 07107 | 860// | 07719 | 82701 | 88702 | |
| Aldergrove | 917 | 71510 | 58041 | 09008 | 754// | 07721 | 85710 | 87626 | |
| Malin | 980 | 41713 | 75021 | 07108 | 45600 | 07722 | 84635 | | |
| Belmullet | 976 | 41712 | 68808 | 05308 | 435// | 06728 | 82920 | 83638 | |
| Birr | 965 | 82213 | 58818 | 09107 | 835// | 06621 | 85920 | 87633 | |
| Dublin | 969 | 31809 | 70031 | 10208 | 35600 | 05716 | 83630 | | |
| Shannon | 962 | 61908 | 70606 | 08308 | 655// | 06720 | 84622 | 83650 | |
| Roches Point | 952 | 51813 | 59102 | 10508 | 563// | 08618 | 84707 | | |
| Valentia | 953 | 32010 | 70258 | 08708 | 38400 | 06612 | 83818 | | |

## OBSERVATIONS at 06h. 12 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82405 | 20516 | 13008 | 860// | 08611 | 86701 | 88706 | |
| Hurn | 862 | 72508 | 60216 | 13609 | 752// | 07612 | 82703 | 87650 | |
| Manston | 797 | 82405 | 12106 | 13407 | 1572/ | 07611 | 81656 | 88462 | |
| Gatwick | 776 | 81906 | 16602 | 13407 | 871// | 07712 | 83702 | 88703 | |
| Kew | 775 | 81902 | 50212 | 12908 | 873// | 07713 | 85707 | 88710 | |
| Heathrow | 772 | 81903 | 38602 | 12808 | 862// | 07715 | 85705 | 88708 | |
| Honington | 586 | 72102 | 08466 | 12208 | 757// | 07717 | 87650 | | |
| Wattisham | 590 | 72508 | 06466 | 12707 | 7093/ | 07616 | 87362 | | |
| Gorleston | 497 | 82002 | 16106 | 12807 | 873// | 05715 | 88706 | | |
| Aberporth | 502 | 81810 | 60215 | 10207 | 854// | 06717 | 85710 | 88625 | |
| Filton | 628 | 52303 | 58016 | 12907 | 15302 | 06710 | 81707 | 85075 | |
| Rhoose | 715 | 72402 | 70026 | 12207 | 754// | 06715 | 87616 | | |
| Hartland Point | 703 | 82318 | 66216 | 11709 | 854// | 07718 | 85710 | 88620 | |
| Mount Batten | 827 | 82210 | 56602 | 13309 | 872// | 08614 | 82704 | 88707 | |
| St.Mawgan | 817 | 72009 | 62021 | 12708 | 3537/ | 07617 | 81708 | 83632 | 87460 |
| Scilly | 804 | 32316 | 81018 | 12509 | 25572 | 07610 | 82623 | 83075 | |
| Culdrose | 809 | 82310 | 64032 | 12908 | 854// | 07616 | 82710 | 88640 | |
| Guernsey | 894 | 82611 | 75026 | 15408 | 872// | 07507 | 83703 | 87705 | |
| Elmdon | 534 | 72206 | 50046 | 11908 | 753// | 07611 | 82706 | 85710 | 86624 |
| Cardington | 559 | 62108 | 20106 | 12307 | 4567/ | 06608 | 84635 | 86359 | |
| Wittering | 462 | 82105 | 18102 | 11807 | 753/2 | 07712 | 83709 | 86645 | 88072 |
| Watnall | 354 | 72305 | 25102 | 11608 | 6527/ | 07710 | 84705 | 85625 | 87359 |
| Shawbury | 414 | 51906 | 70036 | 10607 | 45402 | 05716 | 84617 | 83070 | |
| Finningley | 360 | 61902 | 56046 | 10508 | 654// | 07712 | 82712 | 83630 | 86650 |
| Spurn Point | 396 | 81806 | 50026 | 11107 | 856// | 06710 | 88630 | | |
| Leeming | 257 | 61608 | 50102 | 09508 | 65400 | 07712 | 82612 | 85650 | |
| Tynemouth | 262 | 62005 | 61022 | 09108 | 6097/ | 06712 | 86358 | | |
| Carlisle | 222 | 72206 | 65026 | 08508 | 65432 | 06814 | 82710 | 84616 | 86625 |
| Valley | 302 | 71717 | 75215 | 09407 | 774// | 07716 | 87712 | | |
| Ringway | 334 | 72106 | 56046 | 10708 | 15646 | 07610 | 81645 | 87272 | |
| Squires Gate | 318 | 71709 | 80012 | 09907 | 1557/ | 06712 | 81625 | 87360 | |
| Ronaldsway | 204 | 81916 | 58215 | 07707 | 4522/ | 06615 | 82704 | 83650 | 88458 |
| Mull of Galloway | 131 | 82026 | 62024 | 06307 | 5552/ | 06720 | 85625 | 88460 | |
| Eskdalemuir | 162 | 81810 | 25286 | 08005 | 871// | 05713 | 88702 | | |
| Prestwick | 135 | 81407 | 70022 | 06007 | 3542/ | 06719 | 81715 | 83618 | 88458 |
| Abbotsinch | 140 | 71905 | 68026 | 05908 | 753/2 | 06617 | 81709 | 83712 | 86620 |
| Leuchars | 171 | 82107 | 60026 | 06307 | 853// | 06716 | 84709 | 88612 | |
| Dyce | 091 | 71502 | 57106 | 05406 | 55572 | 05617 | 83620 | 85650 | 86070 |
| Lerwick | 005 | 80000 | 09626 | 04106 | 7732/ | 06617 | 86706 | 88515 | |
| Wick | 075 | 72902 | 01466 | 04405 | 760// | 05717 | 87700 | | |
| Sule Skerry | 010 | 61405 | 66035 | 04407 | 2557/ | 06722 | 82625 | 86360 | |
| Cape Wrath | 049 | 42308 | 80021 | 03807 | 45500 | 05717 | 84625 | | |
| Stornoway | 026 | 81706 | 65021 | 02907 | 853// | 06721 | 85709 | 88614 | |
| Benbecula | 022 | 91308 | 08434 | 01906 | 9//// | 06723 | 89/02 | | |
| Tiree | 100 | 81611 | 50604 | 02307 | 854// | 07723 | 83612 | 86617 | 88629 |
| Aldergrove | 917 | 71811 | 80028 | 05507 | 754// | 05716 | 82713 | 86636 | |
| Malin | 980 | 71918 | 70021 | 03107 | 754// | 05617 | 83714 | 86635 | |
| Belmullet | 976 | 62915 | 70258 | 08107 | 635// | 02230 | 85920 | 83637 | |
| Birr | 965 | 73216 | 60808 | 08905 | 735// | 03318 | 85920 | 86633 | |
| Dublin | 969 | 62109 | 80021 | 06908 | 38532 | 04607 | 81822 | 83635 | 85070 |
| Shannon | 962 | 83009 | 75216 | 10306 | 1747/ | 04229 | 81715 | 88459 | |
| Roches Point | 952 | 63029 | 70808 | 10306 | 684// | 03211 | 82815 | 85632 | |
| Valentia | 953 | 32918 | 75018 | 13208 | 32500 | 02323 | 83820 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $R_RT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 92051 | 03 | + | $d_od_odrfd_or_o$ |
| Hurn | 862 | 94051 | 03 | + | $r_or_o$ |
| Manston | 797 | 94071 | 05 | $ir_o-r_o$ | $r_or_o$ |
| Gatwick | 776 | 03071 | 04 | $r_or$ | $r_od_or_orr$ |
| Kew | 775 | 03072 | 04 | $rr_oR$ | $r_orr$ |
| Heathrow | 772 | 03081 | 07 | $r_o$ | $d_o-d-rr$ |
| Honington | 586 | 02071 | 06 | $rr_orr$ | $fr_o$ |
| Wattisham | 590 | 02071 | 05 | $r_or$ | $r_off$ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 01071 | 05 | $id_od_od_o$ | $d_or_oir_o$ |
| Filton | 628 | 97071 | 50 | $r_o-r_od_o$ | $d_o-r_o$ |
| Rhoose | 715 | 94061 | 04 | $r_or_o$ | $r_o$ |
| Hartland Point | 703 | 94081 | 07 | | |
| Mount Batten | 827 | 91081 | 07 | $d_o-d_or_o$ | $r_o$ |
| St.Mawgan | 817 | 00071 | 05 | + | + |
| Scilly | 804 | 94072 | 06 | $r_opr$ | pr |
| Culdrose | 809 | 97072 | 03 | $d_od_of$ | + |
| Guernsey | 894 | 02071 | 05 | $id_od_or_orr$ | $d_or_oF$ |
| Elmdon | 534 | 97071 | 06 | $r_or_o$ | + |
| Cardington | 559 | 01072 | 03 | $ir_o$ | $rir_o$ |
| Wittering | 462 | 97071 | 05 | + | + |
| Watnall | 354 | 00071 | 03 | + | + |
| Shawbury | 414 | 97071 | 03 | $r_o$ | + |
| Finningley | 360 | 01061 | 02 | $r_or_or$ | $r_ord_or_o$ |
| Spurn Point | 396 | | | + | $ir_o$ |
| Leeming | 257 | 00071 | 05 | + | + |
| Tynemouth | 262 | 00081 | 05 | + | + |
| Carlisle | 222 | 01071 | 05 | $r_or_orr_o-r_or_o$ | $r_o$ |
| Valley | 302 | 93071 | 06 | $d_od_offid_o$ | $ir_o$ |
| Ringway | 334 | 97071 | 05 | $r_or_o$ | + |
| Squires Gate | 318 | 95071 | 05 | $r_o$ | $r_or$ |
| Ronaldsway | 204 | 92071 | 06 | $d_or_od_or_off$ | $r_o$ |
| Mull of Galloway | 131 | 01061 | | | |
| Eskdalemuir | 162 | 03051 | 05 | $r_or_ord_or_od_o$ | $d_offr$ |
| Prestwick | 135 | 01071 | 06 | $ir_oid_o$ | $ir_o$ |
| Abbotsinch | 140 | 02071 | 06 | $r_or_od_or_oid_o$ | $ir_od_or_or$ |
| Leuchars | 171 | 01061 | 04 | $r_or_or$ | + |
| Dyce | 091 | 94041 | 02 | $ir_or_or_o$ | jf |
| Lerwick | 005 | 06052 | 05 | $r_or_off$ | $r_or_offr_oF$ |
| Wick | 075 | 05052 | 03 | $rrr_or_oid_o$ | $ir_oiFff$ |
| Sule Skerry | 010 | 97062 | 05 | | |
| Cape Wrath | 049 | 01061 | 05 | + | $ir_o$ |
| Stornoway | 026 | 01061 | 05 | $d_o$ | $r_or$ |
| Benbecula | 022 | 02061 | 04 | + | $ffRr_or_o$ |
| Tiree | 100 | 07061 | 05 | ffrRf | $Rr_or$ |
| Aldergrove | 917 | 97061 | 05 | + | $pr_o$ |
| Malin | 980 | 97 | | | |
| Belmullet | 976 | 06 | | | |
| Birr | 965 | 04 | | | |
| Dublin | 969 | 00 | | | |
| Shannon | 962 | 04 | | | |
| Roches Point | 952 | 94 | | | |
| Valentia | 953 | 06 | | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 12001 | 62710 | 98018 | 13102 | 32503 | 00006 | ///// | ///// | 05958 | 10631 | 3//04 | 29/08 |
| L | 99570 | 70205 | 12004 | 22619 | 98028 | 05305 | 22400 | 00803 | 82815 | ///// | 0//00 | 10933 | 30504 | 20009 |
| M | 99657 | 10017 | 12004 | 81825 | 96632 | 06005 | 852// | 00728 | 84705 | 88620 | 0//06 | 10668 | 30505 | 99/03 |
| R | 99470 | 70175 | 12004 | 62922 | 97258 | 23909 | 39403 | 00217 | 82913 | 84070 | 0//05 | 11173 | 31212 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 12061 | 81107 | 96858 | 06702 | 6345/ | 00743 | ///// | ///// | 05954 | 10641 | 3//01 | 29/08 |
| L | 99570 | 70205 | 12064 | 42317 | 98278 | 02804 | 39430 | 00815 | 83914 | ///// | 0//03 | 10959 | 30403 | 20008 |
| M | 99659 | 10019 | 12064 | 82315 | 95506 | 00706 | 863// | 00717 | 86707 | 88615 | 0//06 | 10601 | 30302 | 19704 |
| R | 99469 | 70172 | 12064 | 22720 | 98021 | 23809 | 22500 | 00803 | 82820 | ///// | 0//05 | 11174 | 31210 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42480

Date of Issue MONDAY 13 MARCH 1978

## OBSERVATIONS at 12h. 12 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82010 | 80255 | 11909 | 48407 | 07708 | 82812 | 83630 | 88268 |
| Hurn | 862 | 82109 | 70258 | 12910 | 5251/ | 08709 | 85820 | 88462 | |
| Manston | 797 | 82512 | 56585 | 12010 | 852// | 09710 | 81704 | 86705 | 88614 |
| Gatwick | 776 | 72210 | 66026 | 12511 | 41478 | 09706 | 84812 | 84362 | 86270 |
| Kew | 775 | 72106 | 68026 | 12011 | 12431 | 07807 | 81710 | 87075 | |
| Heathrow | 772 | 62007 | 68016 | 11811 | 28402 | 09707 | 82815 | 86072 | |
| Honington | 586 | 72206 | 56216 | 10909 | 6727/ | 09811 | 86705 | 87359 | |
| Wattisham | 590 | 82206 | 57616 | 11009 | 3522/ | 08814 | 83703 | 87458 | |
| Gorleston | 497 | 82710 | 12616 | 11310 | 863// | 08709 | 88706 | | |
| Aberporth | 502 | 83218 | 62258 | 12106 | 884// | 04315 | 84813 | 83620 | 88640 |
| Filton | 628 | 82711 | 70036 | 11610 | 6842/ | 07709 | 85815 | 88459 | |
| Rhoose | 715 | 72513 | 65156 | 11409 | 58332 | 07506 | 81708 | 83815 | 85075 |
| Hartland Point | 703 | 72920 | 82028 | 13206 | 6843/ | 04313 | 84815 | 86635 | |
| Mount Batten | 827 | 73216 | 59808 | 13408 | 784// | 06304 | 82711 | 85815 | |
| St.Mawgan | 817 | 73119 | 81028 | 14708 | 6843/ | 05316 | 81814 | 85816 | |
| Scilly | 804 | 53023 | 75018 | 16909 | 38470 | 05229 | 82818 | 84360 | |
| Culdrose | 809 | 63323 | 62158 | 15309 | 682// | 03322 | 83703 | 86815 | |
| Guernsey | 894 | 72515 | 68015 | 15009 | 5817/ | 07603 | 81702 | 83628 | 86360 |
| Elmdon | 534 | 82211 | 65022 | 10610 | 2141/ | 06707 | 82814 | 88462 | |
| Cardington | 559 | 72412 | 64026 | 10812 | 685/8 | 07708 | 85820 | 87275 | |
| Wittering | 462 | 72612 | 82012 | 10212 | 28508 | 06709 | 82822 | 87275 | |
| Watnall | 354 | 82310 | 62032 | 10111 | 4157/ | 06708 | 84820 | 88462 | |
| Shawbury | 414 | 72711 | 70276 | 09908 | 59408 | 06507 | 82914 | 84818 | 87270 |
| Finningley | 360 | 82314 | 80022 | 09112 | 22577 | 06610 | 82824 | 88272 | |
| Spurn Point | 396 | 62008 | 58012 | 09511 | 4567/ | 07711 | 84630 | 86360 | |
| Leeming | 257 | 72511 | 67802 | 08009 | 4857/ | 07612 | 84820 | 87462 | |
| Tynemouth | 262 | 82314 | 69022 | 06810 | 8097/ | 04613 | 88358 | | |
| Carlisle | 222 | 72411 | 75216 | 06409 | 784// | 06710 | 85813 | 83618 | |
| Valley | 302 | 73019 | 80026 | 11208 | 68432 | 04317 | 81812 | 84816 | 86640 |
| Ringway | 334 | 82215 | 30626 | 09309 | 6242/ | 06707 | 86815 | 88556 | |
| Squires Gate | 318 | 72314 | 65036 | 08908 | 783// | 07603 | 82708 | 83810 | 87615 |
| Ronaldsway | 204 | 73024 | 75801 | 08506 | 724// | 03309 | 81714 | 84817 | 87822 |
| Mull of Galloway | 131 | 73330 | 74808 | 06706 | 785// | 05303 | 84820 | 87630 | |
| Eskdalemuir | 162 | 72120 | 64256 | 05707 | 723// | 06612 | 81706 | 84715 | 86820 |
| Prestwick | 135 | 62614 | 62256 | 05208 | 5833/ | 05504 | 81707 | 83812 | 85645 |
| Abbotsinch | 140 | 62215 | 70028 | 04109 | 58431 | 05612 | 81712 | 85815 | |
| Leuchars | 171 | 62212 | 80012 | 03611 | 38532 | 05717 | 83820 | 86075 | |
| Dyce | 091 | 72119 | 75022 | 02310 | 38432 | 06723 | 82815 | 87070 | |
| Lerwick | 005 | 91705 | 00476 | 02106 | 9//// | 06713 | 89/00 | | |
| Wick | 075 | 71708 | 80024 | 01907 | 25578 | 05710 | 81620 | 84359 | 87270 |
| Sule Skerry | 010 | 81405 | 24616 | 01407 | 874// | 07716 | 88715 | | |
| Cape Wrath | 049 | 82709 | 66626 | 01105 | 874// | 05713 | 88712 | | |
| Stornoway | 026 | 82110 | 65616 | 01306 | 4532/ | 05707 | 81707 | 83615 | 88540 |
| Benbecula | 022 | 72920 | 75216 | 02706 | 784// | 04213 | 81710 | 84620 | 87635 |
| Tiree | 100 | 72917 | 61616 | 04306 | 7847/ | 04221 | 82712 | 86622 | 87458 |
| Aldergrove | 917 | 52916 | 82258 | 08706 | 53400 | 03229 | 81916 | 84822 | |
| Malin | 980 | 22822 | 83016 | 07608 | 12402 | 01217 | 81818 | | |
| Belmullet | 976 | 52416 | 72808 | 11206 | 535// | 03202 | 85920 | | |
| Birr | 965 | 72712 | 82038 | 12909 | 785// | 02113 | 85821 | 84635 | |
| Dublin | 969 | 32820 | 83018 | 10709 | 32500 | 01215 | 83828 | | |
| Shannon | 962 | 52815 | 82038 | 14410 | 585// | 03210 | 85825 | 82925 | |
| Roches Point | 952 | 52718 | 81028 | 15509 | 58400 | 01217 | 85819 | | |
| Valentia | 953 | 32613 | 75030 | 15809 | 32500 | 03001 | 82824 | | |

## OBSERVATIONS at 18h. 12 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 53014 | 82019 | 13207 | 58430 | 02318 | 81818 | 85630 | |
| Hurn | 862 | 52915 | 80018 | 13908 | 58400 | 04221 | 81710 | 85630 | |
| Manston | 797 | 72310 | 75026 | 11109 | 13472 | 07302 | 81915 | 86464 | |
| Gatwick | 776 | 62505 | 65258 | 11707 | 49568 | 06105 | 82820 | 82926 | 85270 |
| Kew | 775 | 42307 | 70038 | 11409 | 49430 | 06309 | 81818 | 82920 | 83635 |
| Heathrow | 772 | 72506 | 70028 | 11309 | 49472 | 08210 | 82918 | 83635 | |
| Honington | 586 | 82814 | 75808 | 10408 | 884// | 05313 | 86815 | 88625 | |
| Wattisham | 590 | 82515 | 58298 | 10308 | 834// | 05305 | 81912 | 84624 | 88650 |
| Gorleston | 497 | 72109 | 66216 | 09510 | 755// | 05400 | 87620 | | |
| Aberporth | 502 | 12614 | 82021 | 14307 | 15600 | 02306 | 81640 | | |
| Filton | 628 | 13115 | 81018 | 14507 | 18500 | 02130 | 81825 | | |
| Rhoose | 715 | 22810 | 82018 | 14507 | 28530 | 50223 | 82828 | | |
| Hartland Point | 703 | 12814 | 82021 | 16207 | 12500 | 05111 | 81820 | | |
| Mount Batten | 827 | 23018 | 80028 | 16108 | 22400 | 03221 | 82814 | | |
| St.Mawgan | 817 | 12814 | 80021 | 17907 | 18500 | 03213 | 81820 | | |
| Scilly | 804 | 22920 | 80031 | 19008 | 22501 | 03307 | 82820 | | |
| Culdrose | 809 | 22913 | 75031 | 18407 | 21500 | 02212 | 82825 | | |
| Guernsey | 894 | 33022 | 80018 | 17407 | 28502 | 03225 | 81820 | | |
| Elmdon | 534 | 53212 | 75028 | 12207 | 5843/ | 01221 | 81816 | 85645 | |
| Cardington | 559 | 73112 | 56802 | 11107 | 794// | 05315 | 83917 | 83822 | 85640 |
| Wittering | 462 | 73012 | 59216 | 10807 | 784// | 04316 | 81815 | 84624 | 87645 |
| Watnall | 354 | 52807 | 64018 | 11206 | 58400 | 03218 | 83817 | 83625 | |
| Shawbury | 414 | 13012 | 83018 | 12407 | 18541 | 50314 | 81825 | | |
| Finningley | 360 | 32916 | 72018 | 09707 | 12542 | 02217 | 81820 | | |
| Spurn Point | 396 | 62716 | 60016 | 08607 | 45510 | 03210 | 84620 | 84460 | |
| Leeming | 257 | 63014 | 86808 | 08607 | 68500 | 02321 | 82824 | 84650 | |
| Tynemouth | 262 | 32715 | 81028 | 06708 | 25641 | 01315 | 82630 | | |
| Carlisle | 222 | 32709 | 82018 | 08207 | 28432 | 02218 | 81818 | | |
| Valley | 302 | 12410 | 84021 | 12607 | 18630 | 04205 | 81830 | | |
| Ringway | 334 | 22910 | 70016 | 11007 | 18501 | 02211 | 81820 | | |
| Squires Gate | 318 | 12512 | 75018 | 10806 | 18532 | 05208 | 81825 | | |
| Ronaldsway | 204 | 42710 | 82038 | 10707 | 34631 | 03108 | 83645 | | |
| Mull of Galloway | 131 | 22910 | 80018 | 09707 | 22500 | 03208 | 82820 | | |
| Eskdalemuir | 162 | 42706 | 82258 | 08003 | 38402 | 00118 | 83818 | | |
| Prestwick | 135 | 12914 | 70018 | 07807 | 18500 | 02209 | 81820 | | |
| Abbotsinch | 140 | 22713 | 82018 | 06706 | 28500 | 01313 | 81825 | | |
| Leuchars | 171 | 32518 | 84018 | 03807 | 18442 | 02219 | 81818 | | |
| Dyce | 091 | 72818 | 82258 | 01607 | 68431 | 02311 | 81715 | 83820 | |
| Lerwick | 005 | 91809 | 01606 | 97805 | 9//// | 05718 | 89/00 | | |
| Wick | 075 | 72816 | 70808 | 00005 | 4847/ | 04209 | 81712 | 84635 | 87359 |
| Sule Skerry | 010 | 83220 | 64636 | 99506 | 874// | 05703 | 88715 | | |
| Cape Wrath | 049 | 82718 | 70166 | 00005 | 884// | 03304 | 86815 | 88620 | |
| Stornoway | 026 | 22915 | 80158 | 03106 | 23402 | 03218 | 81918 | | |
| Benbecula | 022 | 22712 | 82038 | 04706 | 22400 | 03105 | 82818 | | |
| Tiree | 100 | 12810 | 81036 | 06206 | 19403 | 02108 | 81917 | | |
| Aldergrove | 917 | 62407 | 70801 | 09507 | 684// | 02205 | 82818 | 85640 | |
| Malin | 980 | 62314 | 80258 | 08305 | 5353/ | 03301 | 84920 | 84645 | |
| Belmullet | 976 | 32409 | 80018 | 08907 | 39500 | 05201 | 83920 | | |
| Birr | 965 | 32413 | 83018 | 11607 | 38502 | 04703 | 81820 | | |
| Dublin | 969 | 62509 | 86031 | 11008 | 485/2 | 03001 | 81828 | 83640 | |
| Shannon | 962 | 22617 | 82018 | 11908 | 23500 | 04609 | 81922 | | |
| Roches Point | 952 | 42216 | 80258 | 14408 | 49400 | 05704 | 81712 | 84919 | |
| Valentia | 953 | 32811 | 70258 | 13407 | 33500 | 05305 | 83920 | | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01111 | 030 | pr.phrtl.r. | tl.r.pr. |
| Hurn | 862 | 93131 | 035 | pr. | ~~pr.pr.~~ phr pr. |
| Manston | 797 | 91121 | 000 | d.d.-d.r. | jp |
| Gatwick | 776 | 02121 | 006 | r.pr. | pr.pr |
| Kew | 775 | 03121 | 009 | r.pr | pRprpr. |
| Heathrow | 772 | 02121 | 009 | pr.l | pr.prpr. |
| Honington | 586 | 04121 | 000 | r.rrpr. | pr.pr |
| Wattisham | 590 | 02111 | 000 | d.r.rrr.r. | pr.tlrr. |
| Gorleston | 497 | | 000 | | |
| Aberporth | 502 | 95081 | 042 | pr. | + |
| Filton | 628 | 94110 | 034 | r.pr.pr | + |
| Rhoose | 715 | 01101 | 040 | r.rir.pr. | + |
| Hartland Point | 703 | 01080 | 049 | | |
| Mount Batten | 827 | 91101 | 056 | pr. | + |
| St.Mawgan | 817 | 01091 | 063 | prphr | + |
| Scilly | 804 | 97101 | 073 | pr | pr. |
| Culdrose | 809 | 00091 | 077 | pr. | + |
| Guernsey | 894 | 91101 | 031 | id.pr. | + |
| Elmdon | 534 | 03101 | 018 | pr.prph.r. | pr. |
| Cardington | 559 | 01131 | 013 | + | pr. |
| Wittering | 462 | 02121 | 013 | + | r.r |
| Watnall | 354 | 02111 | 012 | pr.rR | rr. |
| Shawbury | 414 | 93111 | 013 | r.pr.ph.r.pr. | + |
| Finningley | 360 | 93121 | 024 | pr.pr | + |
| Spurn Point | 396 | | | + | ir. |
| Leeming | 257 | 97101 | 014 | pr. | pr. |
| Tynemouth | 262 | 97111 | 012 | pr | + |
| Carlisle | 222 | 95101 | 013 | r.rpr. | + |
| Valley | 302 | 00101 | 064 | + | + |
| Ringway | 334 | 01091 | 013 | r.~~pr.~~r | jp |
| Squires Gate | 318 | 96091 | 034 | r.Rpr. | + |
| Ronaldsway | 204 | 92091 | 051 | pr. | pr. |
| Mull of Galloway | 131 | 95081 | | | |
| Eskdalemuir | 162 | 03071 | 016 | rRir.pr. | pr. |
| Prestwick | 135 | 92091 | 039 | pr. | + |
| Abbotsinch | 140 | 92101 | 041 | pr. | + |
| Leuchars | 171 | 97111 | 031 | pr. | pr. |
| Dyce | 091 | 92111 | 032 | + | pr. |
| Lerwick | 005 | 02071 | 000 | ir.rr~~FF~~ ~~ffFF~~ | FFir. |
| Wick | 075 | 15102 | 019 | + | pHRpr.pr |
| Sule Skerry | 010 | 09071 | | | |
| Cape Wrath | 049 | 07092 | 000 | rrir | irrr |
| Stornoway | 026 | 09072 | 013 | rrRRr.r. | pr.pr. |
| Benbecula | 022 | 03081 | 033 | r.r.Rrpr | pr. |
| Tiree | 100 | 07081 | 049 | rRRr. | + |
| Aldergrove | 917 | 06091 | 050 | pr.pr | pr.pR |
| Malin | 980 | 0209 | 051 | | |
| Belmullet | 976 | 0109 | 059 | | |
| Birr | 965 | 9311 | 062 | | |
| Dublin | 969 | 9710 | 061 | | |
| Shannon | 962 | 9211 | 069 | | |
| Roches Point | 952 | 9611 | 075 | | |
| Valentia | 953 | 0411 | 064 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

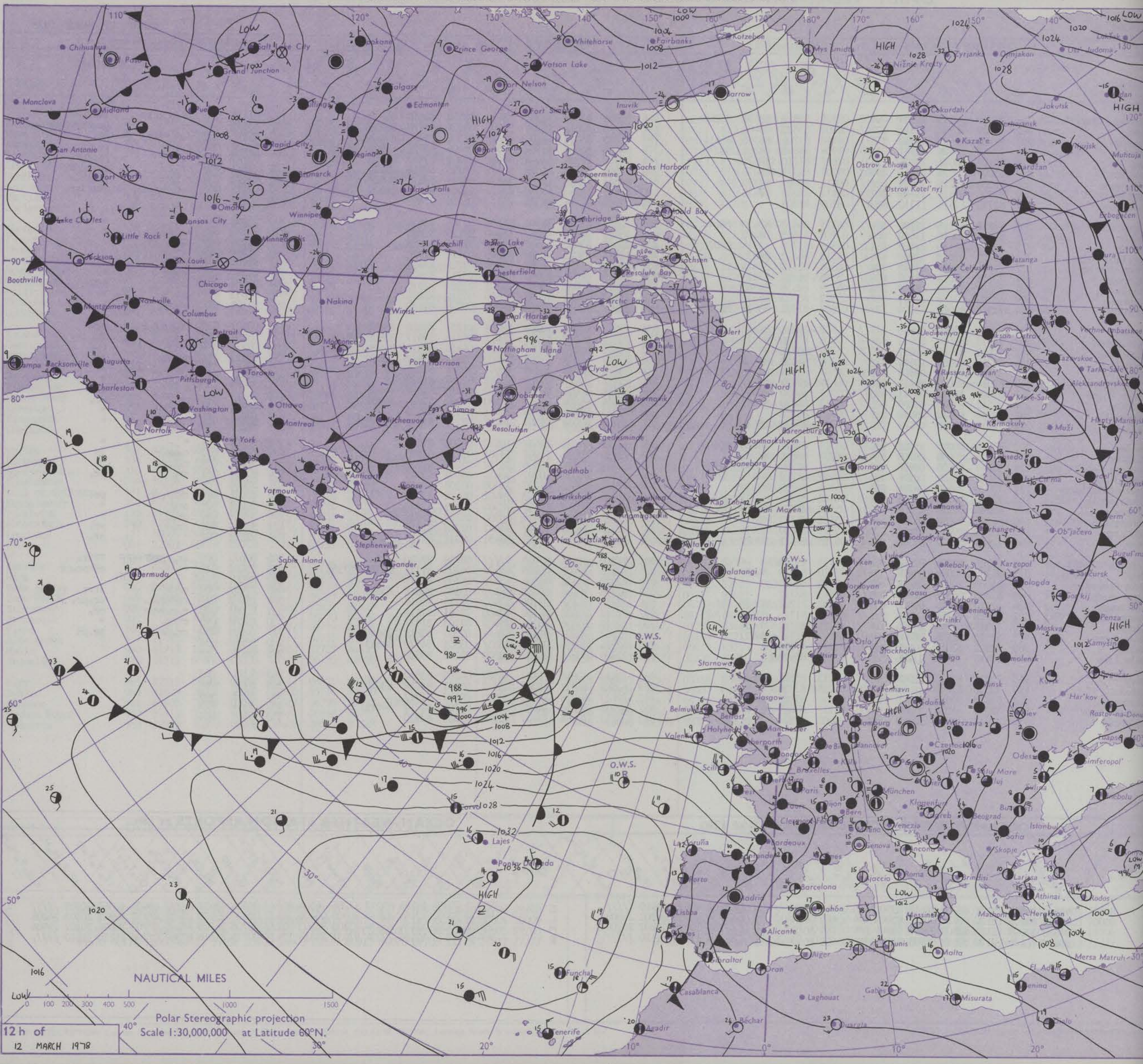
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 12121 | 80723 | 94618 | 82503 | 8742/ | 007125 | ///// | ///// | 05602 | 10633 | 30910 | ///// |
| | 99570 | 70205 | 12124 | 62811 | 97838 | 05004 | 694// | 00215 | 86912 | ///// | 0//50 | 10953 | 30302 | 25009 |
| | 99660 | 10019 | 12124 | 82808 | 93504 | 98804 | 870// | 00808 | 88701 | ///// | 0//05 | 10628 | 30302 | 20704 |
| | 99470 | 70174 | 12124 | 32619 | 98011 | 24009 | 18531 | 00804 | 81820 | 83358 | 0//07 | 11179 | 31110 | ///// |

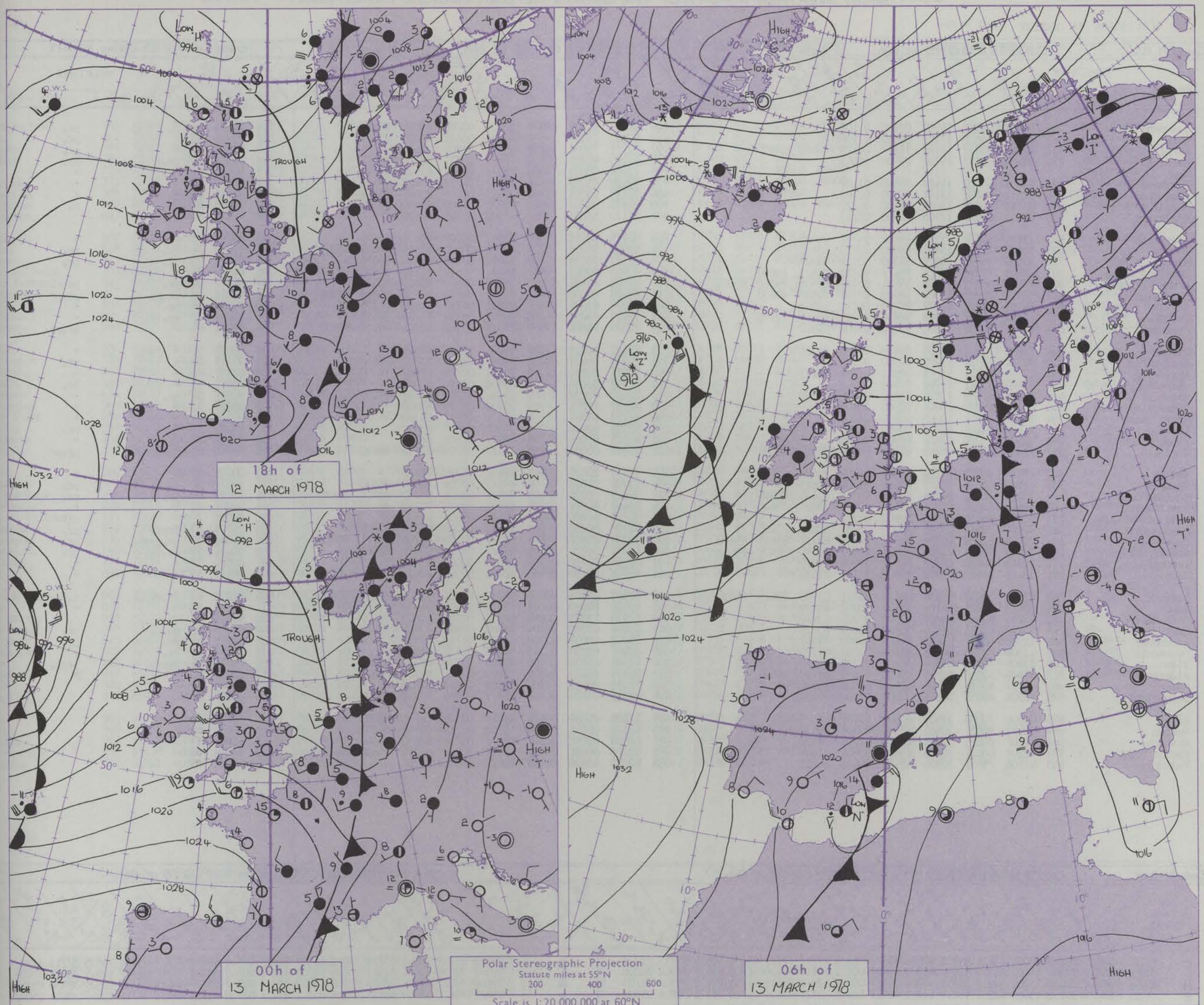
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 12181 | 80217 | 97286 | 76504 | 855// | 00504 | 88621 | ///// | 05403 | 10667 | 30709 | ///// |
| | 99570 | 70203 | 12184 | 82013 | 98608 | 03604 | 35577 | 00820 | 83625 | 83359 | 0//52 | 10971 | 30303 | 24006 |
| | 99661 | 10020 | 12184 | 83314 | 95105 | 96503 | 852// | 00708 | 86705 | 88615 | 0//03 | 10640 | 30302 | 19904 |
| | 99470 | 70173 | 12184 | 72324 | 97031 | 21311 | 1247/ | 00715 | 81816 | 87360 | 0//08 | 11176 | 31010 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 13 MARCH 1978

During the past 24 hours a small low off northwest Scotland moved steadily northeast. A cold front over eastern districts moved east into the North Sea and this was followed by a weak ridge which moved steadily west to east across the British Isles. A deep depression in mid-Atlantic brought troughs of low pressure towards western districts.

During the next 24 hours the Atlantic depression is expected to move towards northwest Scotland and its associated trough will cross the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 13 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 02408 | 32021 | 16303 | 00900 | 01102 | | | |
| Hurn | 862 | 02508 | 75021 | 17504 | 00900 | 02106 | | | |
| Manston | 797 | 72909 | 70032 | 14506 | 757// | 04119 | 83650 | 86657 | |
| Gatwick | 776 | 02508 | 75018 | 15702 | 00900 | 01013 | | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 02605 | 68028 | 15403 | 00900 | 01109 | | | |
| Honington | 586 | 02511 | 65018 | 13104 | 00900 | 02108 | | | |
| Wattisham | 590 | 02713 | 65026 | 13603 | 00900 | 01211 | | | |
| Gorleston | 497 | 02712 | 66026 | 12505 | 00900 | 02213 | | | |
| Aberporth | 502 | 22115 | 84021 | 13105 | 15601 | 04712 | 81635 | | |
| Filton | 628 | 52408 | 75031 | 15405 | 55500 | 03810 | 85622 | | |
| Rhoose | 715 | 32416 | 75030 | 15007 | 38500 | 03811 | 82825 | | |
| Hartland Point | 703 | 72625 | 77216 | 15305 | 784// | 04719 | 84812 | 86630 | |
| Mount Batten | 827 | 72419 | 68031 | 17508 | 55631 | 05714 | 85634 | 84360 | 85075 |
| St.Mawgan | 817 | 52311 | 80251 | 17507 | 58400 | 05711 | 82818 | 84630 | |
| Scilly | 804 | 22521 | 82028 | 17509 | 22400 | 06714 | 82818 | | |
| Culdrose | 809 | 72413 | 65031 | 17908 | 30916 | 06713 | 83463 | 87270 | |
| Guernsey | 894 | 32714 | 80030 | 20306 | 21530 | 02102 | 82822 | | |
| Elmdon | 534 | 12209 | 75031 | 13603 | 10930 | 50803 | 81360 | | |
| Cardington | 559 | 02510 | 62028 | 13903 | 00900 | 01106 | | | |
| Wittering | 462 | 12513 | 80011 | 13003 | 00902 | 01004 | 81075 | | |
| Watnall | 354 | 02405 | 65021 | 12702 | 00900 | 01803 | | | |
| Shawbury | 414 | 52008 | 81031 | 12605 | 55500 | 03808 | 85622 | | |
| Finningley | 360 | 02213 | 65020 | 10804 | 00900 | 50803 | | | |
| Spurn Point | 396 | 02517 | 70021 | 10905 | 00900 | 01207 | | | |
| Leeming | 257 | 01202 | 84028 | 09702 | 00900 | 02803 | | | |
| Tynemouth | 262 | 02303 | 81020 | 08604 | 00900 | 50205 | | | |
| Carlisle | 222 | 82307 | 65601 | 08105 | 855// | 03809 | 85622 | 88635 | |
| Valley | 302 | 12423 | 80011 | 11206 | 15500 | 04709 | 81625 | | |
| Ringway | 334 | 41909 | 75030 | 11403 | 45500 | 01708 | 84625 | | |
| Squires Gate | 318 | 72215 | 80011 | 10006 | 756// | 05713 | 81635 | 87656 | |
| Ronaldsway | 204 | 52618 | 82028 | 09006 | 584// | 04714 | 83815 | 85642 | |
| Mull of Galloway | 131 | 02512 | 84016 | 08205 | 00900 | 04712 | | | |
| Eskdalemuir | 162 | 52104 | 70811 | 08101 | 58500 | 50807 | 83820 | 83628 | |
| Prestwick | 135 | 72407 | 62808 | 07404 | 784// | 04808 | 81712 | 84815 | 85630 |
| Abbotsinch | 140 | 72308 | 70258 | 06804 | 784// | 03807 | 81712 | 84820 | 86632 |
| Leuchars | 171 | 12511 | 82020 | 05602 | 00902 | 51000 | 81075 | | |
| Dyce | 091 | 12412 | 86021 | 03903 | 15500 | 51107 | 81620 | | |
| Lerwick | 005 | 82718 | 50638 | 93904 | 882// | 03721 | 83705 | 83810 | 88622 |
| Wick | 075 | 22613 | 80028 | 01702 | 15630 | 50307 | 81630 | | |
| Sule Skerry | 010 | 33215 | 81028 | 01006 | 33500 | 03205 | 83920 | | |
| Cape Wrath | 049 | 33222 | 81021 | 01005 | 35500 | 00400 | 83625 | | |
| Stornoway | 026 | 12306 | 80251 | 03602 | 12400 | 50801 | 81818 | | |
| Benbecula | 022 | 12306 | 82028 | 04405 | 12500 | 01003 | 81820 | | |
| Tiree | 100 | 13306 | 70250 | 05504 | 18400 | 02704 | 81815 | | |
| Aldergrove | 917 | 42108 | 82018 | 08304 | 45400 | 03807 | 81710 | 84624 | |
| Malin | 980 | 82417 | 65818 | 07205 | 835// | 04502 | 88920 | | |
| Belmullet | 976 | 32504 | 80258 | 08505 | 33500 | 02806 | 83920 | | |
| Birr | 965 | 02206 | 70028 | 11503 | 00900 | 02701 | | | |
| Dublin | 969 | 32412 | 80031 | 10505 | 35500 | 02301 | 83620 | | |
| Shannon | 962 | 12207 | 80028 | 12005 | 12500 | 03708 | 81822 | | |
| Roches Point | 952 | 12207 | 80021 | 12806 | 15600 | 03804 | 81645 | | |
| Valentia | 953 | 41908 | 75021 | 12906 | 42500 | 04810 | 84822 | | |

## OBSERVATIONS at 06h. 13 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62309 | 82038 | 13904 | 28431 | 03708 | 81815 | 84360 | |
| Hurn | 862 | 62413 | 75258 | 14807 | 48431 | 06611 | 84815 | 83075 | |
| Manston | 797 | 22212 | 70031 | 14703 | 25700 | 01803 | 82656 | | |
| Gatwick | 776 | 62210 | 65801 | 14504 | 684// | 03711 | 82815 | 85628 | |
| Kew | 775 | 72009 | 70021 | 13506 | 755// | 03712 | 82625 | 87650 | |
| Heathrow | 772 | 72009 | 75011 | 13406 | 755// | 04712 | 82625 | 87656 | |
| Honington | 586 | 52110 | 65011 | 12104 | 35631 | 02606 | 83645 | 83358 | |
| Wattisham | 590 | 72213 | 62021 | 12603 | 35732 | 01808 | 83650 | 86360 | |
| Gorleston | 497 | 42110 | 66031 | 12304 | 45500 | 01705 | 84625 | | |
| Aberporth | 502 | 32113 | 81018 | 11404 | 38501 | 03708 | 81820 | 83656 | |
| Filton | 628 | 62408 | 65026 | 13206 | 58466 | 04606 | 81816 | 84622 | 86359 |
| Rhoose | 715 | 72512 | 75258 | 12306 | 28431 | 05603 | 81814 | 87075 | |
| Hartland Point | 703 | 62620 | 80031 | 13007 | 654// | 07610 | 81712 | 86650 | |
| Mount Batten | 827 | 32512 | 65038 | 15008 | 38400 | 06607 | 82818 | 83630 | |
| St.Mawgan | 817 | 62410 | 60038 | 14607 | 683// | 06610 | 81708 | 83816 | 85630 |
| Scilly | 804 | 62315 | 81038 | 14309 | 15606 | 07717 | 81630 | 86275 | |
| Culdrose | 809 | 72413 | 65028 | 14708 | 6837/ | 07714 | 81708 | 84815 | |
| Guernsey | 894 | 72320 | 72601 | 17907 | 753// | 05709 | 82708 | 84616 | 86632 |
| Elmdon | 534 | 12412 | 70021 | 11304 | 15731 | 02607 | 81650 | | |
| Cardington | 559 | 72213 | 66801 | 12005 | 785// | 03609 | 83820 | 85638 | |
| Wittering | 462 | 32212 | 78030 | 11203 | 20931 | 02709 | 82362 | | |
| Watnall | 354 | 42111 | 68038 | 10403 | 45400 | 02710 | 84616 | | |
| Shawbury | 414 | 32407 | 75038 | 10602 | 18401 | 01707 | 81818 | 83075 | |
| Finningley | 360 | 22112 | 75021 | 08703 | 25700 | 01710 | 82650 | | |
| Spurn Point | 396 | 12113 | 68021 | 09105 | 10970 | 02711 | 81360 | | |
| Leeming | 257 | 32208 | 82018 | 07305 | 35500 | 02507 | 83622 | | |
| Tynemouth | 262 | 62303 | 81028 | 06704 | 6097/ | 01807 | 86358 | | |
| Carlisle | 222 | 72507 | 75026 | 06405 | 784// | 03705 | 82815 | 86626 | |
| Valley | 302 | 12417 | 80021 | 09905 | 18431 | 03706 | 81812 | | |
| Ringway | 334 | 62208 | 70028 | 09404 | 685// | 03706 | 81820 | 86630 | |
| Squires Gate | 318 | 72512 | 70258 | 08605 | 784// | 05606 | 81712 | 83814 | 85630 |
| Ronaldsway | 204 | 62614 | 80011 | 07705 | 18401 | 03308 | 81710 | 86070 | |
| Mull of Galloway | 131 | 32715 | 84030 | 07104 | 28530 | 03606 | 81820 | | |
| Eskdalemuir | 162 | 62105 | 50258 | 06002 | 624// | 01709 | 85710 | 84825 | |
| Prestwick | 135 | 72309 | 80018 | 05405 | 783// | 04610 | 81708 | 83711 | 85814 |
| Abbotsinch | 140 | 62307 | 65028 | 04504 | 684// | 03712 | 81710 | 86640 | |
| Leuchars | 171 | 12504 | 64020 | 04201 | 15600 | 50609 | 81630 | | |
| Dyce | 091 | 12105 | 86030 | 03100 | 00901 | 52506 | 81075 | | |
| Lerwick | 005 | 62823 | 75256 | 94505 | 683/2 | 00303 | 81706 | 83635 | 85656 |
| Wick | 075 | 12410 | 80020 | 00801 | 12430 | 50807 | 81818 | | |
| Sule Skerry | 010 | 42714 | 82038 | 00105 | 42500 | 02704 | 84820 | | |
| Cape Wrath | 049 | 33218 | 80258 | 00504 | 33500 | 01808 | 83925 | | |
| Stornoway | 026 | 22902 | 80028 | 01102 | 29400 | 01715 | 81914 | | |
| Benbecula | 022 | 31807 | 82038 | 01103 | 38400 | 01718 | 81818 | | |
| Tiree | 100 | 42306 | 80258 | 02103 | 32502 | 02718 | 82820 | 83070 | |
| Aldergrove | 917 | 32109 | 80031 | 06601 | 35202 | 01711 | 82705 | 83626 | |
| Malin | 980 | 21913 | 80018 | 04104 | 12502 | 02717 | 81820 | | |
| Belmullet | 976 | 81715 | 74608 | 01407 | 864// | 05740 | 85717 | 87637 | |
| Birr | 965 | 81607 | 75031 | 06904 | 6567/ | 02831 | 86635 | 86460 | |
| Dublin | 969 | 62105 | 80031 | 08104 | 15602 | 02715 | 81640 | 86070 | |
| Shannon | 962 | 81509 | 80031 | 06005 | 5567/ | 03739 | 82630 | 84640 | 87459 |
| Roches Point | 952 | 81816 | 70021 | 08608 | 5547/ | 07834 | 82714 | 84636 | 88458 |
| Valentia | 953 | 82019 | 65616 | 04708 | 864// | 08652 | 88714 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97021 | 51 | r. | pr. |
| Hurn | 862 | 94031 | 00 | + | pr. |
| Manston | 797 | 97021 | 52 | + | pr. |
| Gatwick | 776 | 91011 | 52 | pr. | pr. |
| Kew | 775 | 00031 | 51 | + | + |
| Heathrow | 772 | 00021 | 51 | + | + |
| Honington | 586 | 00031 | 00 | + | + |
| Wattisham | 590 | 92011 | 51 | + | r. |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 95031 | 01 | pr. | + |
| Filton | 628 | 97041 | 51 | ir. | pr. |
| Rhoose | 715 | 97051 | 03 | pr. | pr. |
| Hartland Point | 703 | 04050 | 05 | | |
| Mount Batten | 827 | 96061 | 02 | pr. | pr.r. |
| St.Mawgan | 817 | 02051 | 03 | pr.pr | pr.pr |
| Scilly | 804 | 97081 | 06 | pr. | + |
| Culdrose | 809 | 01061 | 03 | pr.ir. | + |
| Guernsey | 894 | 97061 | 04 | + | ir.pr. |
| Elmdon | 534 | 00031 | 51 | + | + |
| Cardington | 559 | 97021 | 52 | + | pr. |
| Wittering | 462 | 00031 | 00 | + | + |
| Watnall | 354 | 93011 | 50 | + | pr. |
| Shawbury | 414 | 91011 | 50 | pr. | + |
| Finningley | 360 | 00021 | 52 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 97021 | 52 | + | pr. |
| Tynemouth | 262 | 97031 | 00 | pr. | + |
| Carlisle | 222 | 02041 | 01 | r.Rr.r. | pr.pr |
| Valley | 302 | 00051 | 02 | + | + |
| Ringway | 334 | 97021 | 01 | r. | pr. |
| Squires Gate | 318 | 92051 | 03 | pr. | pr. |
| Ronaldsway | 204 | 00041 | 02 | + | + |
| Mull of Galloway | 131 | 92031 | | | |
| Eskdalemuir | 162 | 01011 | 53 | prpr. | pr. |
| Prestwick | 135 | 06031 | 00 | pr.prph. | pr. |
| Abbotsinch | 140 | 01021 | 53 | pr.ir. | pr. |
| Leuchars | 171 | 00001 | 52 | + | + |
| Dyce | 091 | 00511 | 55 | + | + |
| Lerwick | 005 | 08032 | 03 | pr.rrr.r. | r.r.pr. |
| Wick | 075 | 00011 | 53 | + | + |
| Sule Skerry | 010 | 95031 | 05 | | |
| Cape Wrath | 049 | 91031 | 01 | ph.r. | pr. |
| Stornoway | 026 | 01011 | 51 | pr. | pr. |
| Benbecula | 022 | 95021 | 51 | pr. | + |
| Tiree | 100 | 02021 | 51 | pRpr. | prpr. |
| Aldergrove | 917 | 00012 | 50 | + | + |
| Malin | 980 | 0203 | 01 | | |
| Belmullet | 976 | 0105 | 01 | | |
| Birr | 965 | 9203 | 50 | | |
| Dublin | 969 | 9703 | 00 | | |
| Shannon | 962 | 9704 | 51 | | |
| Roches Point | 952 | 9704 | 02 | | |
| Valentia | 953 | 0205 | 04 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 13001 | 83624 | 95072 | 87403 | 855// | 00288 | ///// | ///// | 05651 | 10654 | 3//13 | ///// |
| L | 99570 | 70204 | 13004 | 81323 | 97616 | 95205 | 6742/ | 00852 | 84710 | 86620 | 0//03 | 10955 | 30504 | 24006 |
| M | 99660 | 10020 | 13004 | 80211 | 96252 | 94704 | 894// | 00806 | 83910 | 88615 | 0//03 | 10652 | 30302 | 99/03 |
| R | 99471 | 70172 | 13004 | 82231 | 96616 | 14311 | 4642/ | 00840 | 84710 | 88459 | 0//10 | 11172 | 30706 | 25008 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 13061 | 83121 | 97022 | 02602 | 855// | 00250 | 88632 | ///// | 05754 | 10625 | 3//13 | ///// |
| L | 99571 | 70206 | 13064 | 81241 | 96636 | 80307 | 873// | 00662 | 88707 | ///// | 0//07 | 10945 | 30808 | 11009 |
| M | 99660 | 10021 | 13064 | 80424 | 97808 | 93003 | 7827/ | 00507 | 85707 | 86615 | 0//03 | 10626 | 30404 | 99/03 |
| R | 99471 | 70171 | 13064 | 82038 | 96216 | 05311 | 3742/ | 00740 | 83712 | 88458 | 0//11 | 11167 | 30814 | 25006 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42481

Date of Issue TUESDAY 14 MARCH 1978


## Code FM 11.V OBSERVATIONS at 12h. 13 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72318 | 80021 | 12309 | 6857/ | 05711 | 83822 | 85650 | 87360 |
| Hurn | 862 | 72218 | 70021 | 13710 | 42538 | 07710 | 84820 | 84360 | 87275 |
| Manston | 797 | 72512 | 82038 | 13409 | 784// | 03605 | 83818 | 87635 | |
| Gatwick | 776 | 72316 | 81038 | 13309 | 64531 | 05806 | 83822 | 85640 | |
| Kew | 775 | 72213 | 80151 | 12510 | 52571 | 03709 | 85825 | 86359 | |
| Heathrow | 772 | 72310 | 83031 | 12410 | 58534 | 04809 | 83828 | 84636 | |
| Honington | 586 | 72415 | 80022 | 11209 | 42631 | 01706 | 84832 | 86078 | |
| Wattisham | 590 | 62519 | 82036 | 11609 | 48502 | 02705 | 82825 | 83645 | 85075 |
| Gorleston | 497 | 62216 | 66036 | 11109 | 685// | 01708 | 83825 | 86630 | |
| Aberporth | 502 | 82019 | 62586 | 06909 | 6542/ | 07733 | 83710 | 86615 | 88460 |
| Filton | 628 | 82312 | 70038 | 11310 | 5857/ | 06718 | 83820 | 84630 | 88463 |
| Rhoose | 715 | 82110 | 75022 | 10610 | 58477 | 06815 | 81816 | 85622 | 86465 |
| Hartland Point | 703 | 82520 | 64022 | 10009 | 5642/ | 07820 | 85710 | 88460 | |
| Mount Batten | 827 | 82219 | 62606 | 12609 | 4842/ | 08717 | 82815 | 83635 | 88460 |
| St.Mawgan | 817 | 82120 | 60628 | 11309 | 6742/ | 07719 | 86710 | 88459 | |
| Scilly | 804 | 82225 | 56616 | 10009 | 854// | 08730 | 83710 | 88620 | |
| Culdrose | 809 | 82316 | 57606 | 11609 | 2732/ | 08620 | 81708 | 88560 | |
| Guernsey | 894 | 72121 | 68026 | 16809 | 3552/ | 07809 | 83625 | 87462 | |
| Elmdon | 534 | 82414 | 70031 | 09909 | 31537 | 03812 | 83822 | 83362 | 88270 |
| Cardington | 559 | 72417 | 75028 | 11210 | 48504 | 04807 | 83825 | 87075 | |
| Wittering | 462 | 72516 | 84031 | 10109 | 41536 | 02710 | 84825 | 87275 | |
| Watnall | 354 | 82310 | 80031 | 09408 | 42577 | 02811 | 84822 | 88272 | |
| Shawbury | 414 | 81913 | 78801 | 08408 | 7852/ | 04818 | 83820 | 87626 | |
| Finningley | 360 | 72315 | 82031 | 08209 | 22516 | 01708 | 82825 | 84465 | 87275 |
| Spurn Point | 396 | 72510 | 68031 | 08708 | 6267/ | 02804 | 86830 | 87360 | |
| Leeming | 257 | 82312 | 86031 | 06707 | 756/2 | 02706 | 87634 | | |
| Tynemouth | 262 | 62508 | 81021 | 05308 | 626// | 51815 | 86830 | | |
| Carlisle | 222 | 82308 | 80038 | 04907 | 38577 | 03815 | 82820 | 84362 | 86465 |
| Valley | 302 | 81826 | 56616 | 05608 | 7722/ | 07831 | 81704 | 87706 | 88530 |
| Ringway | 334 | 82215 | 75031 | 07808 | 2851/ | 03717 | 81820 | 88462 | |
| Squires Gate | 318 | 81911 | 80608 | 06808 | 2852/ | 06819 | 81825 | 88460 | |
| Ronaldsway | 204 | 82016 | 58611 | 04007 | 5737/ | 06830 | 81707 | 84709 | 88459 |
| Mull of Galloway | 131 | 82125 | 80601 | 03006 | 5551/ | 04731 | 85625 | 88460 | |
| Eskdalemuir | 162 | 82014 | 80018 | 04105 | 6847/ | 03715 | 82715 | 85821 | 88466 |
| Prestwick | 135 | 82113 | 75038 | 02607 | 3547/ | 03721 | 81711 | 83650 | 85360 |
| Abbotsinch | 140 | 82109 | 70032 | 02406 | 4857/ | 01714 | 82820 | 83650 | 88462 |
| Leuchars | 171 | 72214 | 75021 | 02307 | 785/8 | 03713 | 83820 | 86630 | |
| Dyce | 091 | 71906 | 82021 | 01107 | 15478 | 00714 | 81715 | 87272 | |
| Lerwick | 005 | 22720 | 81028 | 96507 | 28400 | 51309 | 81815 | | |
| Wick | 075 | 72311 | 88021 | 99707 | 22545 | 01807 | 82820 | 83270 | 86072 |
| Sule Skerry | 010 | 82512 | 81151 | 99407 | 39507 | 03705 | 83920 | 88275 | |
| Cape Wrath | 049 | 62315 | 84808 | 99004 | 43571 | 02706 | 84925 | 86360 | |
| Stornoway | 026 | 61912 | 84028 | 98107 | 38548 | 04719 | 83820 | 85272 | |
| Benbecula | 022 | 81516 | 80151 | 97007 | 35477 | 04726 | 83616 | 86462 | 88270 |
| Tiree | 100 | 81824 | 64618 | 97906 | 6742/ | 04828 | 82711 | 86714 | 88459 |
| Aldergrove | 917 | 81312 | 60636 | 00505 | 2742/ | 04741 | 82715 | 88459 | |
| Malin | 980 | 81526 | 62616 | 95905 | 2642/ | 04856 | 82714 | 88458 | |
| Belmullet | 976 | 81923 | 56586 | 90909 | 863// | 09750 | 86709 | 88716 | |
| Birr | 965 | 81715 | 62606 | 97908 | 6642/ | 08747 | 84710 | 84630 | 88458 |
| Dublin | 969 | 81509 | 68606 | 00507 | 5557/ | 06751 | 83625 | 85645 | 88462 |
| Shannon | 962 | 81918 | 80616 | 96411 | 5547/ | 09645 | 81710 | 85635 | 88458 |
| Roches Point | 952 | 81730 | 40616 | 00309 | 873// | 08743 | 88707 | | |
| Valentia | 953 | 81925 | 40616 | 96511 | 862// | 10635 | 88705 | | |

## OBSERVATIONS at 18h. 13 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82118 | 64618 | 07607 | 7542/ | 06623 | 82711 | 87614 | 88535 |
| Hurn | 862 | 82121 | 56618 | 09608 | 7732/ | 07717 | 85708 | 86710 | 88520 |
| Manston | 797 | 82118 | 66218 | 10708 | 6532/ | 07709 | 82709 | 86612 | 88459 |
| Gatwick | 776 | 82218 | 60608 | 09808 | 7742/ | 07720 | 87711 | 88458 | |
| Kew | 775 | 82119 | 70608 | 08510 | 6547/ | 06717 | 81712 | 86618 | 88460 |
| Heathrow | 772 | 82116 | 60618 | 08509 | 5547/ | 07717 | 81614 | 85618 | 88460 |
| Honington | 586 | 81914 | 70618 | 07209 | 3542/ | 06720 | 81617 | 88460 | |
| Wattisham | 590 | 82117 | 65608 | 08108 | 854// | 06617 | 83710 | 85622 | 88640 |
| Gorleston | | | | | | | | | |
| Aberporth | 502 | 81824 | 56586 | 99408 | 872// | 07732 | 82705 | 88707 | |
| Filton | 628 | 82215 | 56632 | 05608 | 6542/ | 07728 | 86612 | 88518 | |
| Rhoose | 715 | 82116 | 65616 | 04408 | 6542/ | 06731 | 81712 | 85618 | 88458 |
| Hartland Point | 703 | 82333 | 59616 | 02408 | 874// | 07829 | 88710 | | |
| Mount Batten | 827 | 82028 | 57636 | 06409 | 853// | 08729 | 83706 | 86714 | 88628 |
| St.Mawgan | 817 | 81924 | 45586 | 04308 | 872// | 08731 | 83704 | 86706 | 88710 |
| Scilly | 804 | 82128 | 30616 | 02109 | 871// | 09739 | 88702 | | |
| Culdrose | 809 | 82123 | 50616 | 04308 | 852// | 08733 | 81704 | 84708 | 88615 |
| Guernsey | 894 | 81917 | 58616 | 12008 | 6527/ | 07724 | 81705 | 86650 | 88460 |
| Elmdon | 534 | 82115 | 63618 | 04009 | 854// | 06728 | 81710 | 88615 | |
| Cardington | 559 | 82120 | 60618 | 06209 | 6562/ | 06726 | 86630 | 88460 | |
| Wittering | 462 | 82117 | 65616 | 04908 | 7542/ | 06728 | 82712 | 84616 | 87622 |
| Watnall | 354 | 81913 | 50618 | 03307 | 854// | 06732 | 86614 | 88622 | |
| Shawbury | 414 | 81815 | 68618 | 01309 | 854// | 07734 | 81616 | 85618 | 88625 |
| Finningley | 360 | 81813 | 50616 | 02008 | 6557/ | 07736 | 83628 | 85645 | 88460 |
| Spurn Point | 396 | 81713 | 65616 | 03707 | 5742/ | 06731 | 85715 | 88460 | |
| Leeming | 257 | 81614 | 56616 | 99907 | 854// | 06733 | 86714 | 88626 | |
| Tynemouth | 262 | 81616 | 56606 | 99406 | 6557/ | 04738 | 86625 | 88358 | |
| Carlisle | 222 | 81609 | 65636 | 96307 | 854// | 06746 | 81717 | 83622 | 88633 |
| Valley | 302 | 81930 | 50636 | 97008 | 872// | 08636 | 88705 | | |
| Ringway | 334 | 82015 | 65616 | 00409 | 7842/ | 06735 | 81815 | 87620 | 88458 |
| Squires Gate | 318 | 81614 | 50636 | 98308 | 7542/ | 08742 | 82615 | 87622 | |
| Ronaldsway | 204 | 82125 | 50636 | 94508 | 872// | 07640 | 83704 | 86705 | 88706 |
| Mull of Galloway | 131 | 82140 | 58616 | 92107 | 864// | 07741 | 88715 | | |
| Eskdalemuir | 162 | 81610 | 40656 | 96005 | 872// | 05744 | 88703 | | |
| Prestwick | 135 | 82017 | 59636 | 92108 | 5542/ | 07752 | 81712 | 83618 | 88459 |
| Abbotsinch | 140 | 81108 | 58638 | 93107 | 854// | 06651 | 81712 | 84616 | 88620 |
| Leuchars | 171 | 81213 | 60616 | 96405 | 853// | 04735 | 82708 | 86714 | 88620 |
| Dyce | 091 | 81709 | 66612 | 97205 | 1547/ | 02718 | 81615 | 88457 | |
| Lerwick | 005 | 22407 | 81010 | 96804 | 14401 | 02302 | 81815 | | |
| Wick | 075 | 71308 | 84022 | 96105 | 38538 | 02718 | 81820 | 84360 | 87270 |
| Sule Skerry | 010 | 51405 | 82012 | 96305 | 12559 | 03717 | 81820 | 84360 | |
| Cape Wrath | 049 | 60909 | 84028 | 94105 | 5841/ | 02728 | 83815 | 85620 | 86460 |
| Stornoway | 026 | 81010 | 75608 | 92406 | 5547/ | 02731 | 81618 | 85640 | 88460 |
| Benbecula | 022 | 81217 | 61616 | 89205 | 853// | 04735 | 82707 | 85616 | 88630 |
| Tiree | 100 | 81520 | 40656 | 88307 | 7722/ | 07742 | 83704 | 86708 | 88528 |
| Aldergrove | 917 | 81814 | 70216 | 90809 | 852// | 08629 | 83705 | 86706 | 88615 |
| Malin | 980 | 71818 | 75216 | 88110 | 763// | 09623 | 83709 | 86716 | 87635 |
| Belmullet | 976 | 81919 | 60215 | 85010 | 863// | 09736 | 82709 | 86714 | 87638 |
| Birr | 965 | 71815 | 64036 | 90511 | 784// | 09734 | 85713 | 83820 | 87632 |
| Dublin | 969 | 72018 | 75216 | 92610 | 764/6 | 08627 | 84712 | 85620 | 86270 |
| Shannon | 962 | 71813 | 65586 | 89311 | 763// | 09740 | 82709 | 85715 | 86625 |
| Roches Point | 952 | 81828 | 56206 | 92509 | 873// | 09739 | 87708 | 88713 | |
| Valentia | 953 | 81919 | 40616 | 88910 | 863// | 09736 | 88706 | | |

## OBSERVATIONS during DAY

| Station | iii | $R_RT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 03101 | 030 | pro | rrodoro |
| Hurn | 862 | 03111 | 031 | prodoro | rodorroro |
| Manston | 797 | 91111 | 030 | projp | rordororo |
| Gatwick | 776 | 03102 | 036 | prodoro | rodororororr |
| Kew | 775 | 92111 | 042 | pro | prororroro |
| Heathrow | 772 | 01121 | 043 | pro | prodorrorro |
| Honington | 586 | 92111 | 051 | + | prororro |
| Wattisham | 590 | 91111 | 044 | + | prororodoro |
| Gorleston | 497 | | 058 | | |
| Aberporth | 502 | 04091 | 000 | irodorororo | rororrdoro |
| Filton | 628 | 07112 | 010 | prorr | rrrorr |
| Rhoose | 715 | 02101 | 005 | irorirro | irorororro |
| Hartland Point | 703 | 04092 | 002 | | |
| Mount Batten | 827 | 05102 | 001 | iro | rororrdorodr |
| St.Mawgan | 817 | 04102 | 000 | rr | rrdorododro |
| Scilly | 804 | 05102 | 000 | rororr | rrrorro |
| Culdrose | 809 | 05092 | 000 | irororo | rrrororr |
| Guernsey | 894 | 04091 | 004 | proirorir | irororodoro |
| Elmdon | 534 | 97101 | 035 | prorro | rorro |
| Cardington | 559 | 93121 | 050 | pro | prororo |
| Wittering | 462 | 93101 | 054 | ro | rorrorro |
| Watnall | 354 | 03091 | 028 | prorro | rororrrorro |
| Shawbury | 414 | 01091 | 020 | prororor | rorodo |
| Finningley | 360 | 95091 | 046 | ro | rorro |
| Spurn Point | 396 | | | + | rorro |
| Leeming | 257 | 01091 | 019 | ro | roror |
| Tynemouth | 262 | 01092 | 025 | iro | rororirorir |
| Carlisle | 222 | 11092 | 003 | prororo | rrRrr |
| Valley | 302 | 07092 | 005 | irorororr | rr |
| Ringway | 334 | 02091 | 036 | rororr | rrrorro |
| Squires Gate | 318 | 08091 | 032 | rororr | rrro |
| Ronaldsway | 204 | 08081 | 006 | rororr | rrRiro |
| Mull of Galloway | 131 | 03071 | | | |
| Eskdalemuir | 162 | 17072 | 000 | prororor | rRrr |
| Prestwick | 135 | 06091 | 000 | rorro | rrirro |
| Abbotsinch | 140 | 07072 | 002 | proiro | rorodororr |
| Leuchars | 171 | 01071 | 022 | ro | rorro |
| Dyce | 091 | 02081 | 054 | + | rororr |
| Lerwick | 005 | 00071 | 087 | + | + |
| Wick | 075 | 00081 | 082 | + | + |
| Sule Skerry | 010 | 00071 | | | |
| Cape Wrath | 049 | 01061 | 031 | pro | pro |
| Stornoway | 026 | 92071 | 043 | pro | prororro |
| Benbecula | 022 | 05071 | 004 | rorro | rororr |
| Tiree | 100 | 09081 | 000 | rororr | rorRdr |
| Aldergrove | 917 | 06101 | 000 | rororr | rrrorodo-ro |
| Malin | 980 | 0510 | 000 | | |
| Belmullet | 976 | 1011 | 001 | | |
| Birr | 965 | 0611 | 001 | | |
| Dublin | 969 | 0311 | 000 | | |
| Shannon | 962 | 0212 | 001 | | |
| Roches Point | 952 | 0909 | 000 | | |
| Valentia | 953 | 2011 | 000 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

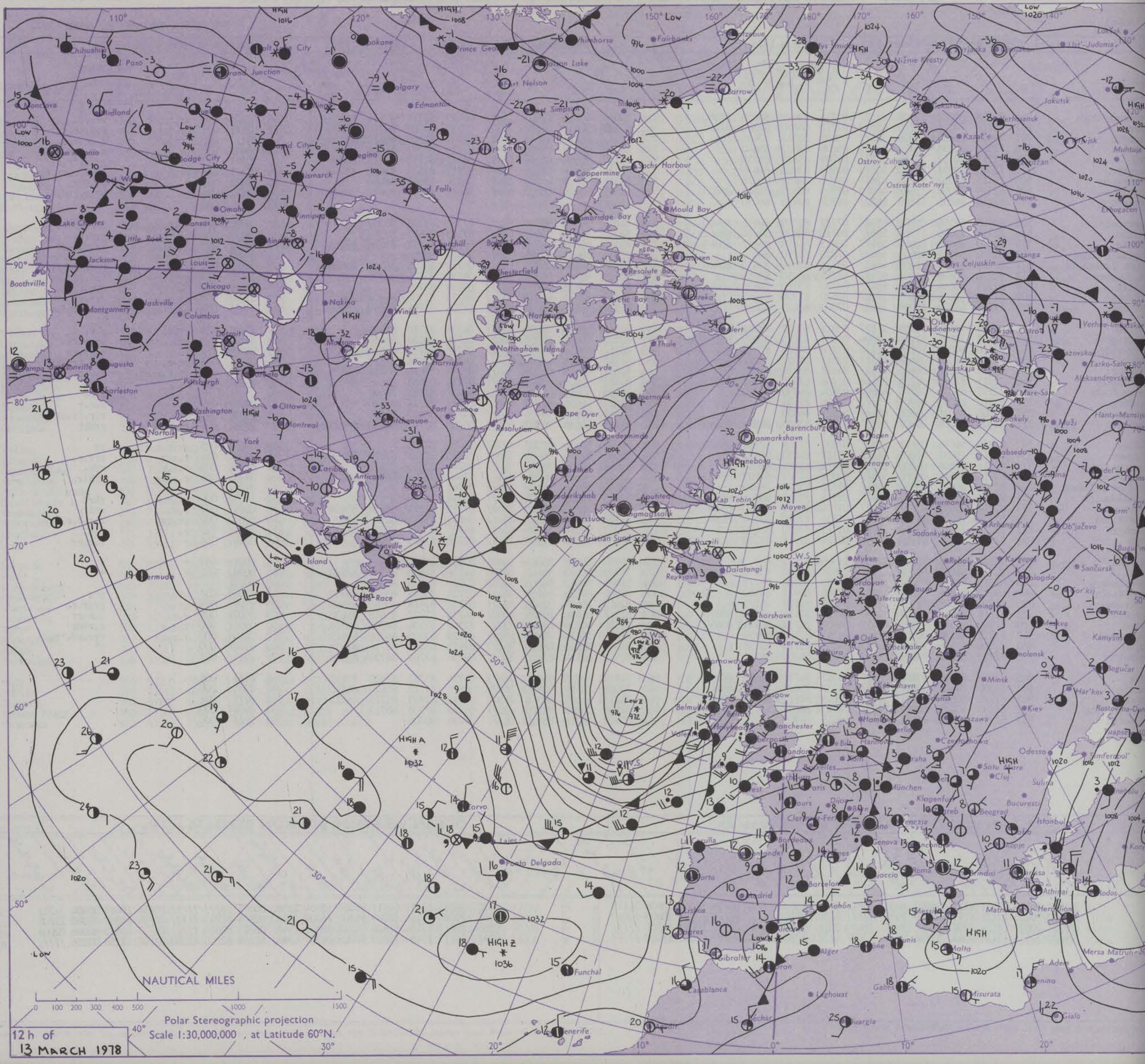
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 13121 | 83216 | 98027 | 11002 | 856// | 00325 | 88636 | ///// | 05754 | 10648 | 30608 | 31113 |
| | 99570 | 70205 | 13124 | 81916 | 96216 | 76609 | 873// | 41302 | 88707 | ///// | 0//10 | 10979 | 30403 | 11010 |
| | 99658 | 10020 | 13124 | 70223 | 98028 | 94803 | 78430 | 00111 | 83810 | 86625 | 0//51 | 10653 | 30506 | ///// |
| | 99470 | 70173 | 13124 | 52442 | 97816 | 99711 | 53402 | 61723 | 82915 | 83820 | 0//09 | 11152 | 31020 | ///// |

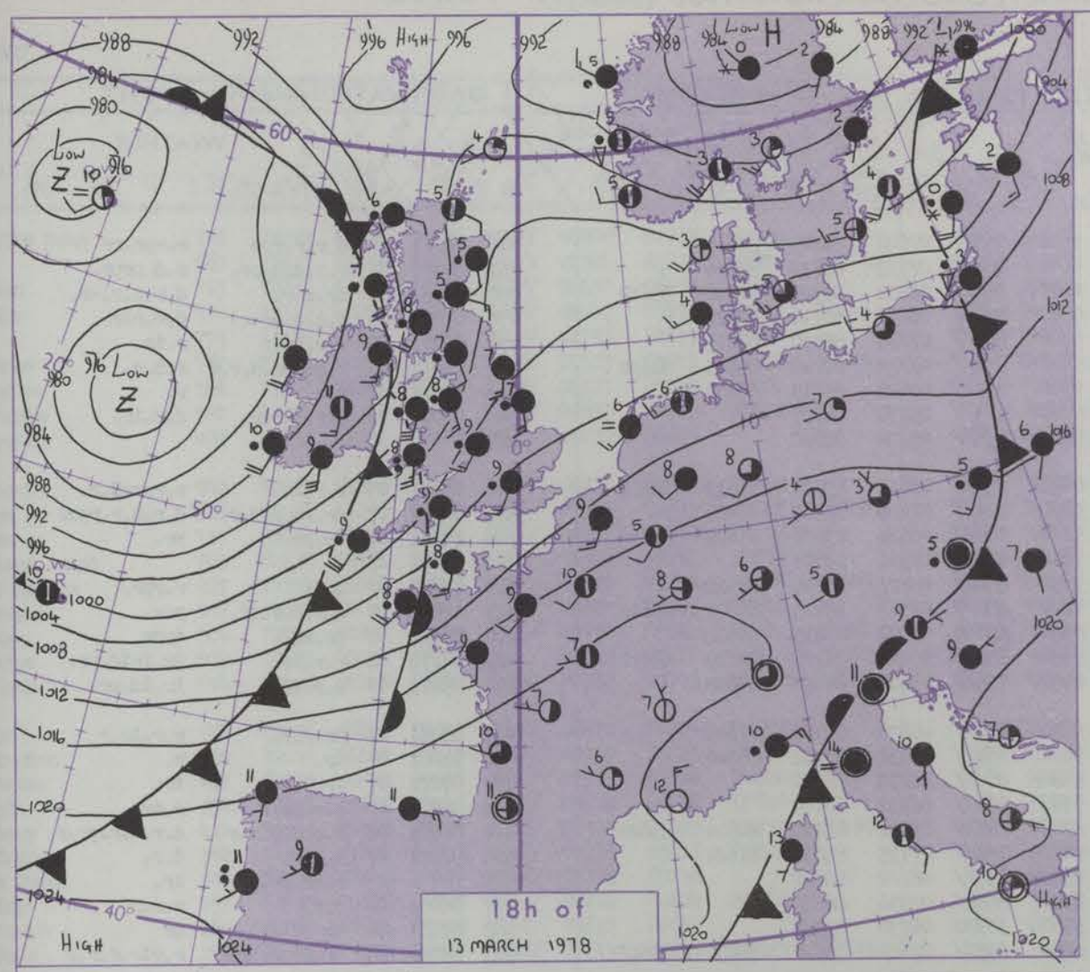
## OCEAN WEATHER STATION REPORTS at 18h.

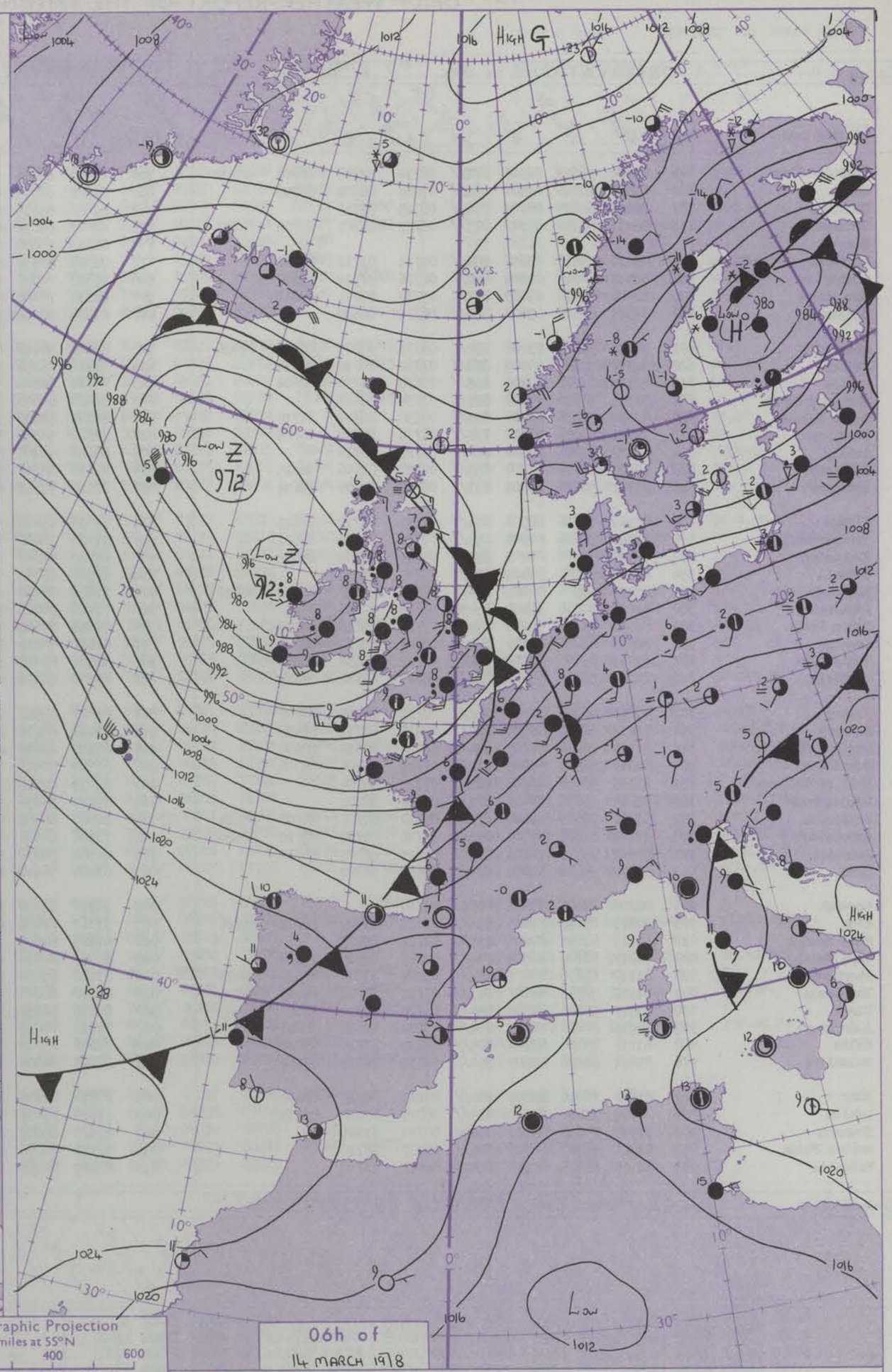
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 13181 | 62711 | 98031 | 13804 | 32582 | 00205 | ///// | ///// | 05454 | 10665 | 30404 | 31211 |
| | 99570 | 70206 | 13184 | 32209 | 95102 | 76209 | 26330 | 00804 | 82707 | ///// | 0//09 | 10957 | 30302 | 22808 |
| | 99658 | 10017 | 13184 | 80626 | 96228 | 98201 | 7547/ | 00323 | 87610 | ///// | 0//53 | 10533 | 30606 | 02006 |
| | 99471 | 70173 | 13184 | 72849 | 97028 | 01709 | 4946/ | 61239 | 82910 | 85360 | 0//07 | 11158 | 31126 | ///// |

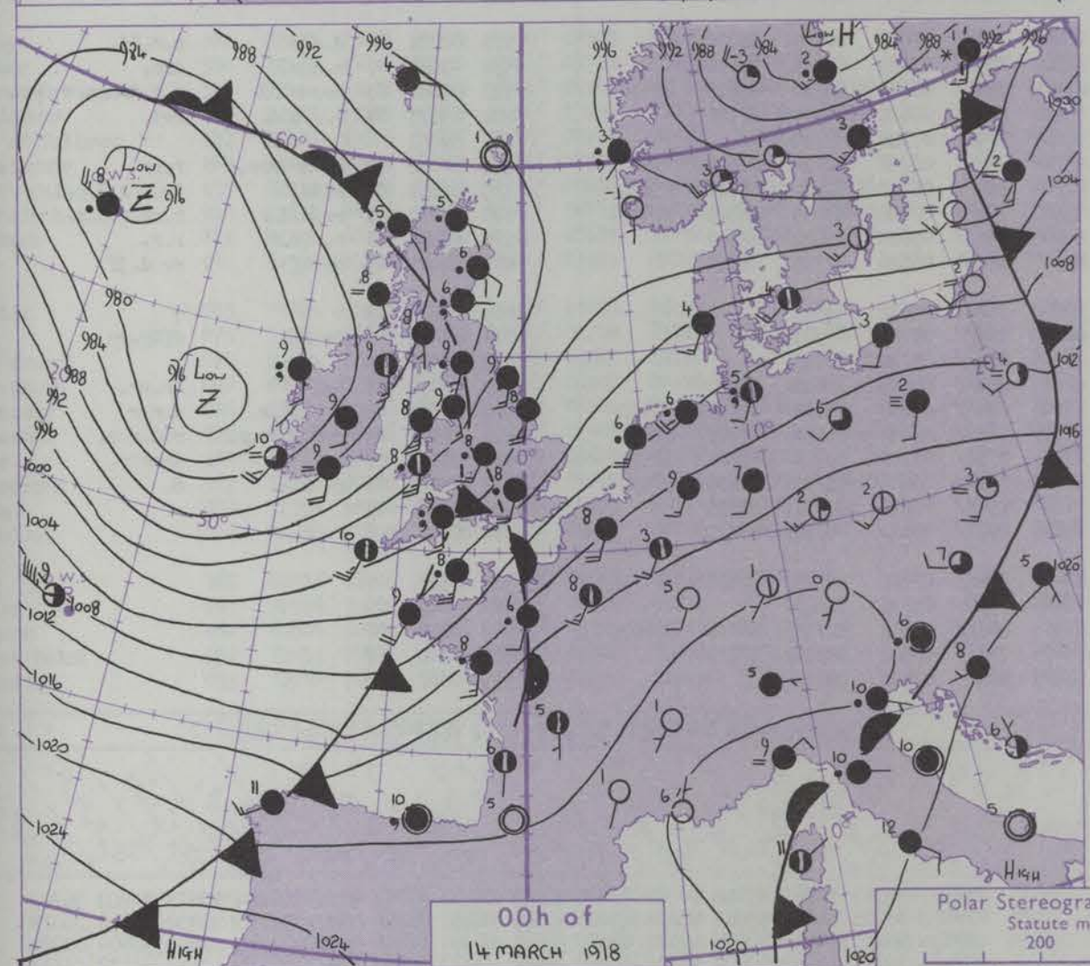
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 14 MARCH 1978

During the past 24 hours a weak ridge of high pressure over the British Isles moved away eastwards as a complex depression over the Atlantic moved towards western Scotland and associated frontal troughs moved east over all districts.

During the next 24 hours the complex low is expected to move east over Scotland bringing a northwesterly airstream to most parts of the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

## Code FM 11.V — OBSERVATIONS at 00h. 14 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81924 | 56616 | 02007 | 872// | 06734 | 82705 | 86707 | 88709 |
| Hurn | 862 | 81823 | 40516 | 03308 | 872// | 07836 | 86704 | 88708 | |
| Manston | 797 | 82128 | 68605 | 06707 | 874// | 06725 | 88710 | | |
| Gatwick | 776 | 82121 | 50596 | 05307 | 873// | 06727 | 81707 | 83708 | 88711 |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82019 | 75616 | 03608 | 854// | 07731 | 83712 | 88617 | |
| Honington | 586 | 81919 | 62616 | 02808 | 854// | 06726 | 87712 | 88622 | |
| Wattisham | 590 | 82024 | 70026 | 03408 | 854// | 05730 | 86711 | 88614 | |
| Gorleston | 497 | 81925 | 60616 | 03808 | 855// | 06722 | 88620 | | |
| Aberporth | 502 | 71823 | 56615 | 93208 | 752// | 08735 | 82705 | 85708 | 87620 |
| Filton | 628 | 82017 | 58586 | 99908 | 854// | 07732 | 86710 | 88614 | |
| Rhoose | 715 | 81714 | 68606 | 98409 | 854// | 07630 | 81710 | 88614 | |
| Hartland Point | 703 | 82335 | 74026 | 96009 | 855// | 07734 | 88627 | | |
| Mount Batten | 827 | 82030 | 50216 | 99509 | 873// | 09838 | 86707 | 88710 | |
| St.Mawgan | 817 | 72021 | 58016 | 97110 | 754// | 08736 | 84710 | 86615 | |
| Scilly | 804 | 72127 | 60216 | 95810 | 764// | 07727 | 86710 | | |
| Culdrose | 809 | 82120 | 60606 | 97509 | 853// | 09737 | 82706 | 88615 | |
| Guernsey | 894 | 81927 | 58616 | 05308 | 853// | 06743 | 82709 | 88614 | |
| Elmdon | 534 | 82116 | 62616 | 98808 | 854// | 07731 | 85710 | 88615 | |
| Cardington | 559 | 82022 | 70606 | 01508 | 854// | 07626 | 84616 | 88621 | |
| Wittering | 462 | 82120 | 82216 | 00108 | 853// | 07726 | 84709 | 88612 | |
| Watnall | 354 | 82016 | 68026 | 98409 | 854// | 07724 | 88611 | | |
| Shawbury | 414 | 81713 | 66586 | 96008 | 854// | 07830 | 82710 | 85616 | 88630 |
| Finningley | 360 | 42015 | 80016 | 96409 | 35430 | 06829 | 83616 | | |
| Spurn Point | 396 | 81921 | 75216 | 98208 | 5742/ | 07727 | 85718 | 88540 | |
| Leeming | 257 | 82118 | 68026 | 94109 | 854// | 07727 | 85712 | 88640 | |
| Tynemouth | 262 | 62012 | 69026 | 93508 | 2567/ | 06722 | 82630 | 86359 | |
| Carlisle | 222 | 81903 | 56616 | 91909 | 854// | 08617 | 83712 | 88617 | |
| Valley | 302 | 81827 | 50206 | 92008 | 862// | 08727 | 86705 | 88707 | |
| Ringway | 334 | 72017 | 62606 | 95509 | 2547/ | 07825 | 81712 | 87458 | |
| Squires Gate | 318 | 81614 | 70216 | 94009 | 854// | 08724 | 86619 | 88630 | |
| Ronaldsway | 204 | 81919 | 58516 | 90508 | 872// | 07725 | 85704 | 88706 | |
| Mull of Galloway | 131 | 82135 | 58026 | 88508 | 862// | 07728 | 88704 | | |
| Eskdalemuir | 162 | 81917 | 15636 | 91606 | 871// | 06719 | 88702 | | |
| Prestwick | 135 | 81707 | 70026 | 88608 | 853// | 07719 | 81707 | 84708 | 88624 |
| Abbotsinch | 140 | 81709 | 62606 | 89009 | 853// | 07718 | 81708 | 85710 | 87620 |
| Leuchars | 171 | 80902 | 45586 | 90206 | 872// | 05623 | 82705 | 88710 | |
| Dyce | 091 | 81409 | 24616 | 90906 | 871// | 05837 | 88702 | | |
| Lerwick | 005 | 00000 | 81020 | 95801 | 00900 | 01710 | | | |
| Wick | 075 | 81213 | 65616 | 91605 | 853// | 03725 | 82709 | 86712 | 88616 |
| Sule Skerry | 010 | 51115 | 81031 | 92006 | 55500 | 03722 | 85625 | | |
| Cape Wrath | 049 | 70917 | 81606 | 88504 | 784// | 02729 | 82815 | 87620 | |
| Stornoway | 026 | 81210 | 65616 | 87405 | 854// | 05724 | 83710 | 84620 | 88628 |
| Benbecula | 022 | 81212 | 58516 | 84607 | 861// | 07721 | 84702 | 86703 | 88705 |
| Tiree | 100 | 81517 | 58106 | 84308 | 854// | 08725 | 82710 | 88627 | |
| Aldergrove | 917 | 71615 | 80026 | 86409 | 754// | 06730 | 82617 | 87631 | |
| Malin | 980 | 61717 | 75256 | 83709 | 634// | 08729 | 82716 | 83920 | |
| Belmullet | 976 | 81611 | 62586 | 79809 | 864// | 08732 | 86717 | 88636 | |
| Birr | 965 | 81811 | 66216 | 84809 | 864// | 07731 | 85714 | 88630 | |
| Dublin | 969 | 71708 | 75036 | 87510 | 755// | 06723 | 85622 | 86635 | |
| Shannon | 962 | 11914 | 70258 | 83509 | 15600 | 08730 | 81645 | | |
| Roches Point | 952 | 81821 | 56106 | 86909 | 864// | 08727 | 88710 | | |
| Valentia | 953 | 62119 | 62106 | 84110 | 66400 | 08617 | 86712 | | |

## OBSERVATIONS at 06h. 14 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71920 | 65216 | 95008 | 753// | 07628 | 84709 | 87614 | |
| Hurn | 862 | 81822 | 62818 | 96508 | 884// | 07733 | 85812 | 88616 | |
| Manston | 797 | 82026 | 65215 | 00107 | 853// | 06832 | 82709 | 87710 | 88618 |
| Gatwick | 776 | 82021 | 65026 | 98108 | 854// | 06731 | 86712 | 88622 | |
| Kew | 775 | 81918 | 65606 | 97008 | 854// | 07733 | 85710 | 88615 | |
| Heathrow | 772 | 81918 | 57586 | 96608 | 854// | 07735 | 82710 | 86615 | 88622 |
| Honington | 586 | 81818 | 70026 | 97007 | 854// | 06626 | 85715 | 88630 | |
| Wattisham | 590 | 81918 | 70606 | 97707 | 873// | 05730 | 88709 | | |
| Gorleston | 497 | 81924 | 60216 | 98207 | 855// | 05724 | 88620 | | |
| Aberporth | 502 | 82019 | 56616 | 87508 | 853// | 07615 | 83708 | 84613 | 88620 |
| Filton | 628 | 72111 | 78256 | 93009 | 784// | 07626 | 82710 | 86620 | |
| Rhoose | 715 | 71914 | 66808 | 91609 | 784// | 06624 | 83816 | 85620 | 87650 |
| Hartland Point | 703 | 82428 | 66606 | 90408 | 873// | 07516 | 88707 | | |
| Mount Batten | 827 | 82124 | 50606 | 93309 | 854// | 08727 | 83710 | 88618 | |
| St.Mawgan | 817 | 82321 | 56258 | 92409 | 882// | 07513 | 83705 | 86808 | 88612 |
| Scilly | 804 | 62627 | 66256 | 93509 | 68400 | 07502 | 83815 | 84618 | |
| Culdrose | 809 | 82520 | 60216 | 93308 | 853// | 08511 | 81708 | 84710 | 88612 |
| Guernsey | 894 | 72124 | 72216 | 99509 | 755/2 | 07618 | 84620 | 85645 | |
| Elmdon | 534 | 72015 | 65606 | 91709 | 754// | 06626 | 82710 | 87640 | |
| Cardington | 559 | 81920 | 70606 | 95109 | 854// | 07631 | 85712 | 88620 | |
| Wittering | 462 | 81920 | 75606 | 93808 | 864// | 06730 | 88710 | | |
| Watnall | 354 | 81915 | 65038 | 91608 | 863// | 06732 | 88709 | | |
| Shawbury | 414 | 71611 | 70256 | 89009 | 784// | 07732 | 81710 | 84814 | 85620 |
| Finningley | 360 | 71716 | 80026 | 90708 | 754// | 07735 | 85616 | 87624 | |
| Spurn Point | 396 | 81818 | 70606 | 93408 | 855// | 06722 | 88620 | | |
| Leeming | 257 | 81617 | 58212 | 88408 | 856// | 07836 | 88630 | | |
| Tynemouth | 262 | 31818 | 69028 | 88008 | 30930 | 06730 | 83358 | | |
| Carlisle | 222 | 81307 | 60616 | 86008 | 855// | 07629 | 83622 | 86630 | 88647 |
| Valley | 302 | 81927 | 45506 | 85408 | 872// | 07627 | 86704 | 88706 | |
| Ringway | 334 | 71917 | 68216 | 88609 | 755// | 07633 | 85626 | 87650 | |
| Squires Gate | 318 | 81616 | 60636 | 86908 | 854// | 08631 | 82710 | 83615 | 88630 |
| Ronaldsway | 204 | 81919 | 50516 | 83907 | 872// | 07628 | 84704 | 88706 | |
| Mull of Galloway | 131 | 82033 | 62516 | 82007 | 874// | 07728 | 88710 | | |
| Eskdalemuir | 162 | 81710 | 35636 | 85706 | 854// | 06728 | 86710 | 88620 | |
| Prestwick | 135 | 81909 | 65586 | 82808 | 854// | 06727 | 82710 | 84616 | 87620 |
| Abbotsinch | 140 | 71306 | 62586 | 83509 | 754// | 07628 | 83615 | 85626 | 87645 |
| Leuchars | 171 | 61504 | 70036 | 85708 | 655// | 05620 | 83622 | 85650 | |
| Dyce | 091 | 61204 | 56516 | 86307 | 65200 | 06620 | 82705 | 86624 | |
| Lerwick | 005 | 10917 | 82020 | 92703 | 18401 | 01612 | 81812 | | |
| Wick | 075 | 91117 | 07476 | 86605 | 9//// | 05723 | 89/01 | | |
| Sule Skerry | 010 | 81126 | 62506 | 86905 | 874// | 05724 | 88715 | | |
| Cape Wrath | 049 | 80917 | 80036 | 84205 | 884// | 04715 | 85815 | 88620 | |
| Stornoway | 026 | 81008 | 65626 | 83106 | 6542/ | 05619 | 83614 | 85630 | 88460 |
| Benbecula | 022 | 81210 | 62606 | 81107 | 853// | 06614 | 84706 | 86709 | 88618 |
| Tiree | 100 | 81316 | 56636 | 80007 | 7732/ | 07720 | 84706 | 87707 | 88515 |
| Aldergrove | 917 | 71612 | 70016 | 80708 | 754// | 06624 | 82710 | 84616 | 87630 |
| Malin | 980 | 71208 | 75018 | 79209 | 754// | 07617 | 82717 | 87635 | |
| Belmullet | 976 | 82305 | 64586 | 75708 | 864// | 07510 | 84712 | 88717 | |
| Birr | 965 | 82116 | 62605 | 80408 | 864// | 07617 | 86714 | 88628 | |
| Dublin | 969 | 21912 | 75016 | 81409 | 25500 | 05728 | 81620 | | |
| Shannon | 962 | 82623 | 62618 | 81509 | 864// | 07301 | 82710 | 86714 | 87620 |
| Roches Point | 952 | 72323 | 60256 | 85009 | 774// | 07502 | 84710 | 87715 | |
| Valentia | 953 | 82823 | 62258 | 86609 | 824// | 07327 | 88819 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 06071 | 07 | d.r.r.r.r | r.rpr.pr |
| Hurn | 862 | 04071 | 07 | r.r.d.d.pr. | r.d.prpr. |
| Manston | 797 | 93061 | 06 | ir.d.r. | d.r.d.r.-r. |
| Gatwick | 776 | 03071 | 06 | r.d.r.dr-r | d.r.rir. |
| Kew | 775 | 96071 | 07 | r.r.ir.r | r.ir. |
| Heathrow | 772 | 01071 | 07 | r.r.d.r.d.r.r | r.d.r. |
| Honington | 586 | 97071 | 07 | r.r. | r. |
| Wattisham | 590 | 97071 | 06 | d.r.d.r.r. | d.r.ir. |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 03071 | 05 | r.r.ir. | r.r.rrd.r. |
| Filton | 628 | 02081 | 07 | rr.rd.r.d.r. | d.r.d.r.rprr |
| Rhoose | 715 | 01081 | 07 | ir.pr. | pr. |
| Hartland Point | 703 | 01072 | 07 | | |
| Mount Batten | 827 | 03081 | 07 | drr. | r.rpr. |
| St.Mawgan | 817 | 02081 | 07 | d.r.d.r.pr. | prr. |
| Scilly | 804 | 03082 | 07 | ir.id. | irpr |
| Culdrose | 809 | 05072 | 06 | r.r.ir. | ir.irid.pr. |
| Guernsey | 894 | 03071 | 07 | r.r.ir. | ir.id.pr. |
| Elmdon | 534 | 01081 | 07 | ir.r.r. | r.r.ir.r |
| Cardington | 559 | 91081 | 07 | ir. | r. |
| Wittering | 462 | 97081 | 07 | ir.r.r. | ir. |
| Watnall | 354 | 95071 | 07 | r.r.pr.r | r.rr. |
| Shawbury | 414 | 96081 | 06 | r.r.d.r.d.r. | d.r.d.r.pr.r. |
| Finningley | 360 | 97081 | 07 | r.d.r. | d.r. |
| Spurn Point | 396 | | | r.-r.ir. | ir. |
| Leeming | 257 | 95081 | 06 | r.r. | r.r.r |
| Tynemouth | 262 | 02081 | 06 | ir | pr |
| Carlisle | 222 | 05082 | 06 | ir.rr.r-Rr. | r.rir.r.r.r |
| Valley | 302 | 02081 | 07 | d.d.r | r.r.id. |
| Ringway | 334 | 91081 | 07 | r.d.r. | d.r. |
| Squires Gate | 318 | 03081 | 03 | ir.-r.rR | r.r.~~irpr.~~ rrpr. |
| Ronaldsway | 204 | 01071 | 07 | r.r.d.d. | rrd. |
| Mull of Galloway | 131 | 02051 | | | |
| Eskdalemuir | 162 | 17062 | 05 | rd-dr-rrr. | r.rr |
| Prestwick | 135 | 92081 | 07 | r.ir. | ir.r.r.d.r.d. |
| Abbotsinch | 140 | 03071 | 06 | rr.r.d.r. | r.rd.r.d.r. |
| Leuchars | 171 | 96051 | 01 | r.r.d.r. | r.r. |
| Dyce | 091 | 04041 | 03 | rrr.f | rr.d.jr |
| Lerwick | 005 | 00001 | 55 | + | + |
| Wick | 075 | 05042 | 03 | ir.r.r. | ffir.rr |
| Sule Skerry | 010 | 03042 | 05 | | |
| Cape Wrath | 049 | 92032 | 03 | ir. | ir.pr. |
| Stornoway | 026 | 04051 | 04 | r.r.rd.r. | d.r.r |
| Benbecula | 022 | 09051 | 05 | drd.d.rr.r. | rid.r.r. |
| Tiree | 100 | 04071 | 07 | ir. | irrrir. |
| Aldergrove | 917 | 01071 | 07 | d. r.r | d. |
| Malin | 980 | 0108 | 07 | | |
| Belmullet | 976 | 0708 | 06 | | |
| Birr | 965 | 9508 | 07 | | |
| Dublin | 969 | 9709 | 05 | | |
| Shannon | 962 | 0208 | 07 | | |
| Roches Point | 952 | 0208 | 07 | | |
| Valentia | 953 | 0607 | 06 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 14001 | 82208 | 97808 | 10503 | 834// | 00820 | ///// | ///// | 05502 | 10639 | 3//02 | 36/09 |
| | 99571 | 70207 | 14004 | 82927 | 97601 | 76907 | 854// | 00803 | 84710 | 88625 | 0//08 | 10968 | 30404 | 22807 |
| | 99657 | 10013 | 14004 | 60421 | 97032 | 01850 | 65400 | 00215 | 82615 | 85640 | 0//51 | 10481 | 30605 | 02005 |
| | 99472 | 70176 | 14004 | 52945 | 97028 | 11309 | 58400 | 00240 | 83815 | ///// | 0//08 | 11134 | 31026 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 14061 | 82308 | 97808 | 03405 | 834// | 00744 | ///// | ///// | 05204 | 10678 | 3//03 | 36/07 |
| | 99570 | 70205 | 14064 | 83047 | 95616 | 83405 | 873// | 00251 | 88706 | ///// | 0//05 | 10930 | 30816 | 26019 |
| | 99656 | 10015 | 14064 | 50520 | 98261 | 02600 | 59400 | 00301 | 82918 | 83820 | 0//55 | 10642 | 30504 | 03004 |
| | 99474 | 70177 | 14064 | 63038 | 96018 | 15609 | 39440 | 71323 | 81913 | 83815 | 0//09 | 11159 | 31122 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42482

Date of Issue WEDNESDAY 15 MARCH 1978

## OBSERVATIONS at 12h. 14 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72221 | 80256 | 92809 | 724// | 06000 | 82713 | 87820 | |
| Hurn | 862 | 72221 | 62018 | 94910 | 784/1 | 07302 | 85818 | 83625 | 87070 |
| Manston | 797 | 72031 | 62608 | 95408 | 753// | 08630 | 86709 | 87620 | |
| Gatwick | 776 | 72322 | 60806 | 94809 | 784// | 07607 | 83710 | 85812 | 85645 |
| Kew | 775 | 72119 | 81216 | 93411 | 784// | 07713 | 84815 | 87640 | |
| Heathrow | 772 | 72116 | 70216 | 93111 | 784// | 08612 | 83815 | 84618 | 87645 |
| Honington | 586 | 71820 | 75608 | 91909 | 784// | 06727 | 85615 | 87620 | |
| Wattisham | 590 | 82022 | 75216 | 92909 | 854// | 06627 | 86710 | 88616 | |
| Gorleston | 497 | 81732 | 62022 | 93408 | 855// | 05730 | 88625 | | |
| Aberporth | 502 | 72527 | 64806 | 88808 | 784// | 06315 | 85710 | 87645 | |
| Filton | 628 | 82520 | 62256 | 92409 | 884// | 07308 | 82710 | 83813 | 86628 |
| Rhoose | 715 | 82422 | 59258 | 91309 | 884// | 06307 | 84814 | 88618 | |
| Hartland Point | 703 | 82635 | 56036 | 92908 | 7547/ | 06320 | 85712 | 87635 | |
| Mount Batten | 827 | 72724 | 58808 | 96409 | 783/2 | 07320 | 83708 | 86818 | 85640 |
| St.Mawgan | 817 | 72627 | 60026 | 96708 | 753// | 05229 | 83707 | 87615 | |
| Scilly | 804 | 72932 | 50028 | 99209 | 5841/ | 05236 | 83812 | 84621 | 87460 |
| Culdrose | 809 | 82925 | 58258 | 97808 | 884// | 06129 | 81710 | 85818 | 88622 |
| Guernsey | 894 | 72426 | 66028 | 00509 | 68332 | 07212 | 81708 | 84812 | 86640 |
| Elmdon | 534 | 72116 | 66806 | 88810 | 784// | 06510 | 86815 | 87622 | |
| Cardington | 559 | 72119 | 66806 | 91110 | 784// | 08719 | 85815 | 87630 | |
| Wittering | 462 | 62120 | 82808 | 89510 | 6844/ | 07718 | 83814 | 84620 | |
| Watnall | 354 | 72016 | 65256 | 88011 | 784// | 08615 | 83814 | 87640 | |
| Shawbury | 414 | 82219 | 72808 | 86809 | 6842/ | 07508 | 83815 | 85635 | 88460 |
| Finningley | 360 | 71916 | 77018 | 86711 | 784// | 07718 | 83818 | 86632 | |
| Spurn Point | 396 | 81822 | 58606 | 88409 | 874// | 07718 | 88710 | | |
| Leeming | 257 | 71815 | 70216 | 84710 | 755// | 07716 | 84622 | 87640 | |
| Tynemouth | 262 | 81918 | 66021 | 84010 | 7567/ | 06617 | 87630 | | |
| Carlisle | 222 | 81904 | 75806 | 82610 | 884// | 07713 | 81715 | 84623 | 88633 |
| Valley | 302 | 82228 | 65036 | 84309 | 855// | 07303 | 88620 | | |
| Ringway | 334 | 72116 | 30816 | 85311 | 794// | 07714 | 85915 | 87640 | |
| Squires Gate | 318 | 82014 | 62258 | 84208 | 7843/ | 08508 | 81714 | 83820 | 87630 |
| Ronaldsway | 204 | 72217 | 65215 | 81408 | 783// | 07609 | 81708 | 83824 | 87645 |
| Mull of Galloway | 131 | 72128 | 60026 | 79807 | 785// | 07709 | 84820 | 87630 | |
| Eskdalemuir | 162 | 81713 | 40536 | 82207 | 853// | 07714 | 86706 | 88618 | |
| Prestwick | 135 | 82011 | 70026 | 80010 | 854// | 07816 | 81710 | 86615 | 88635 |
| Abbotsinch | 140 | 81610 | 58586 | 80710 | 7847/ | 08713 | 81711 | 84617 | 86645 |
| Leuchars | 171 | 81308 | 68216 | 82308 | 4547/ | 07615 | 81714 | 83628 | 88460 |
| Dyce | 091 | 81509 | 45106 | 83608 | 862// | 07614 | 88703 | | |
| Lerwick | 005 | 70825 | 80251 | 91704 | 784// | 01705 | 86812 | | |
| Wick | 075 | 71012 | 56606 | 84307 | 770// | 07708 | 81701 | 85702 | 85705 |
| Sule Skerry | 010 | 81134 | 62616 | 85206 | 874// | 05508 | 88710 | | |
| Cape Wrath | 049 | 91417 | 02508 | 82806 | 9//// | 06000 | 89/00 | | |
| Stornoway | 026 | 70706 | 80026 | 81808 | 68401 | 06704 | 81816 | 86635 | |
| Benbecula | 022 | 81008 | 28516 | 80307 | 852// | 07502 | 84704 | 85710 | 88612 |
| Tiree | 100 | 61212 | 59056 | 79310 | 55232 | 09601 | 81705 | 85635 | |
| Aldergrove | 917 | 71911 | 60206 | 78409 | 753// | 07607 | 82706 | 84708 | 86615 |
| Malin | 980 | 72104 | 68216 | 77810 | 6643/ | 09503 | 82711 | 84716 | |
| Belmullet | 976 | 82830 | 57605 | 82708 | 864// | 05246 | 86716 | 88638 | |
| Birr | 965 | 82723 | 66216 | 86208 | 864// | 04341 | 86715 | 87630 | |
| Dublin | 969 | 72526 | 75205 | 81608 | 764// | 05309 | 83714 | 86717 | |
| Shannon | 962 | 82826 | 62615 | 89708 | 874// | 05245 | 85712 | 88622 | |
| Roches Point | 952 | 72831 | 70808 | 92708 | 58472 | 03240 | 85817 | 83359 | |
| Valentia | 953 | 52928 | 70018 | 96009 | 48502 | 02239 | 81823 | 83640 | |

## OBSERVATIONS at 18h. 14 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72617 | 75258 | 96607 | 755// | 06223 | 84620 | 87650 | |
| Hurn | 862 | 72417 | 62258 | 98109 | 68508 | 03227 | 82820 | 85640 | |
| Manston | 797 | 72421 | 64608 | 95409 | 6847/ | 06309 | 84614 | 85650 | 86360 |
| Gatwick | 776 | 72519 | 68258 | 96008 | 784// | 06320 | 81712 | 85817 | 87630 |
| Kew | 775 | 72416 | 75028 | 95209 | 755// | 04325 | 86625 | 87650 | |
| Heathrow | 772 | 72417 | 68018 | 95109 | 785// | 05324 | 85822 | 87645 | |
| Honington | 586 | 72218 | 75158 | 91209 | 784// | 05305 | 82818 | 83630 | 86640 |
| Wattisham | 590 | 72320 | 65038 | 92308 | 754// | 05307 | 85615 | 87630 | |
| Gorleston | 497 | 82020 | 62036 | 91309 | 855// | 06503 | 88625 | | |
| Aberporth | 502 | 72630 | 75252 | 94007 | 784// | 02327 | 83818 | 84630 | 87645 |
| Filton | 628 | 72519 | 60258 | 96107 | 684/2 | 05126 | 83817 | 83642 | 86075 |
| Rhoose | 715 | 52422 | 62018 | 95507 | 38571 | 04121 | 81820 | 83645 | |
| Hartland Point | 703 | 52830 | 58018 | 97907 | 21481 | 04320 | 82810 | 83360 | 85075 |
| Mount Batten | 827 | 62826 | 68258 | 01508 | 62400 | 05228 | 86814 | | |
| St.Mawgan | 817 | 52629 | 60018 | 02307 | 33432 | 04231 | 83912 | | |
| Scilly | 804 | 62934 | 58818 | 04508 | 68412 | 03224 | 82815 | 84620 | |
| Culdrose | 809 | 62821 | 58038 | 03008 | 58430 | 03225 | 83818 | 83640 | |
| Guernsey | 894 | 62626 | 66258 | 04807 | 59402 | 04225 | 84818 | 81924 | |
| Elmdon | 534 | 72622 | 80808 | 91008 | 784// | 03221 | 83818 | 87626 | |
| Cardington | 559 | 72319 | 65258 | 91908 | 784// | 06315 | 85815 | 85640 | |
| Wittering | 462 | 62518 | 81018 | 89908 | 59462 | 05312 | 82818 | 81920 | |
| Watnall | 354 | 72319 | 75028 | 88808 | 725// | 03216 | 87822 | | |
| Shawbury | 414 | 72525 | 65808 | 89608 | 784// | 04218 | 83816 | 86640 | |
| Finningley | 360 | 72318 | 75258 | 86609 | 785// | 04309 | 83820 | 86624 | |
| Spurn Point | 396 | 62318 | 65026 | 86809 | 35571 | 05306 | 83625 | 85360 | 86075 |
| Leeming | 257 | 72315 | 84808 | 83908 | 784// | 05207 | 83816 | 85626 | |
| Tynemouth | 262 | 62010 | 80028 | 82009 | 55631 | 05603 | 85630 | | |
| Carlisle | 222 | 72212 | 68258 | 81008 | 785// | 07502 | 85820 | 87635 | |
| Valley | 302 | 82530 | 75808 | 88108 | 884// | 04221 | 85816 | 88620 | |
| Ringway | 334 | 82418 | 62628 | 87208 | 854// | 04216 | 87618 | 88630 | |
| Squires Gate | 318 | 82425 | 62618 | 85307 | 852// | 06211 | 81705 | 86708 | 88615 |
| Ronaldsway | 204 | 72625 | 70608 | 83007 | 754// | 04315 | 82714 | 87626 | |
| Mull of Galloway | 131 | 82525 | 80606 | 80807 | 885// | 07314 | 83820 | 88625 | |
| Eskdalemuir | 162 | 81907 | 10646 | 80506 | 870// | 06603 | 88701 | | |
| Prestwick | 135 | 83002 | 56635 | 78809 | 883// | 08301 | 81707 | 83710 | 85616 |
| Abbotsinch | 140 | 70305 | 56808 | 79309 | 784// | 08500 | 81714 | 84816 | 87630 |
| Leuchars | 171 | 70606 | 68256 | 80008 | 6847/ | 07606 | 81710 | 85624 | 87360 |
| Dyce | 091 | 80902 | 09416 | 81207 | 860// | 06507 | 81700 | 86701 | 88702 |
| Lerwick | 005 | 70628 | 70022 | 89103 | 5557/ | 50712 | 84620 | 85359 | 87362 |
| Wick | 075 | 80707 | 22586 | 83006 | 870// | 06706 | 82701 | 86702 | 88704 |
| Sule Skerry | 010 | 81136 | 60026 | 84605 | 855// | 04303 | 88620 | | |
| Cape Wrath | 049 | 91420 | 01505 | 81505 | 9//// | 05602 | 89/00 | | |
| Stornoway | 026 | 70610 | 56102 | 82007 | 5537/ | 07308 | 83707 | 84635 | 85360 |
| Benbecula | 022 | 80504 | 70506 | 81207 | 852// | 07307 | 81705 | 84712 | 87617 |
| Tiree | 100 | 73507 | 75032 | 80608 | 783// | 08214 | 81708 | 84625 | 86635 |
| Aldergrove | 917 | 82414 | 67618 | 81207 | 873// | 06121 | 83708 | 88710 | |
| Malin | 980 | 82912 | 61606 | 81708 | 864// | 07229 | 85712 | 85638 | |
| Belmullet | 976 | 82828 | 50616 | 90507 | 6732/ | 05249 | 82709 | 85716 | 88550 |
| Birr | 965 | 82825 | 62608 | 92007 | 864// | 02232 | 84710 | 88716 | |
| Dublin | 969 | 82530 | 60618 | 86606 | 864// | 05225 | 88716 | | |
| Shannon | 962 | 72828 | 65806 | 95708 | 734// | 04232 | 84718 | 83925 | |
| Roches Point | 952 | 72728 | 65808 | 98408 | 784/2 | 01232 | 86817 | 83640 | 85073 |
| Valentia | 953 | 52825 | 68808 | 01407 | 52500 | 02226 | 85823 | | |

## OBSERVATIONS during DAY

| Station | iii | $R_RT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01101 | 014 | r.pr.pr | prpr. |
| Hurn | 862 | 01111 | 020 | pr.pr | pr. |
| Manston | 797 | 01101 | 005 | r.pr.ir. | r.pr.pr |
| Gatwick | 776 | 03101 | 005 | r.d.r.drrpr. | pr.pr |
| Kew | 775 | 96121 | 018 | r.r.-r.pr. | pr. |
| Heathrow | 772 | 01121 | 014 | r.d.r.pr. | pr.pr |
| Honington | 586 | 01111 | 004 | pr.r.ir. | pr.pr |
| Wattisham | 590 | 96111 | 004 | ir.pr. | pr |
| Gorleston | 497 | | 003 | | |
| Aberporth | 502 | 01091 | 000 | ir.rpr. | pr. |
| Filton | 628 | 02101 | 001 | pr.Rr.pr.pr | pr. |
| Rhoose | 715 | 02091 | 002 | pr.pr | pr. |
| Hartland Point | 703 | 01081 | 016 | | |
| Mount Batten | 827 | 01101 | 017 | pr.pr | pr.pr |
| St.Mawgan | 817 | 01101 | 029 | r. | pr |
| Scilly | 804 | 01101 | 043 | pr.pr | prpr. |
| Culdrose | 809 | 02102 | 036 | pr. | pr. |
| Guernsey | 894 | 01091 | 028 | pr.ir | pr. |
| Elmdon | 534 | 02111 | 015 | rr.pr.pr | pr.d.-r. |
| Cardington | 559 | 02121 | 015 | rir.pr.pr | pr |
| Wittering | 462 | 92121 | 012 | pr. | pr. |
| Watnall | 354 | 01111 | 007 | r.r.pr. | + |
| Shawbury | 414 | 01121 | 005 | r.r.pr.pr | pr. |
| Finningley | 360 | 92121 | 005 | pr. | pr. |
| Spurn Point | 396 | | | ir. | ir. |
| Leeming | 257 | 91111 | 000 | r.r.pr. | pr. |
| Tynemouth | 262 | 91111 | 001 | pr. | + |
| Carlisle | 222 | 04101 | 002 | r.ir.pr.pr | pr.prr.r. |
| Valley | 302 | 02102 | 002 | ir.pr. | pr.rr |
| Ringway | 334 | 03111 | 002 | r.-pr.pr | pr.-r.r.r |
| Squires Gate | 318 | 02101 | 001 | pr. | d.r.drr.r.r |
| Ronaldsway | 204 | 94091 | 002 | r.pr. | ir.pr |
| Mull of Galloway | 131 | 01081 | | | |
| Eskdalemuir | 162 | 09072 | 000 | rrd.r.drdr | r.Rr.r.rr |
| Prestwick | 135 | 03111 | 004 | r.d. | r.r |
| Abbotsinch | 140 | 10112 | 001 | d.r.pr. | prrpr.rrr. |
| Leuchars | 171 | 94091 | 001 | r.r.d.r.pr. | pr.d.r. |
| Dyce | 091 | 91081 | 001 | r.r.d.r. | ffir.if |
| Lerwick | 005 | 97051 | 002 | pr. | + |
| Wick | 075 | 02072 | 000 | rrdrr.r.ir. | ffid.r.drdrr. |
| Sule Skerry | 010 | 02062 | | | |
| Cape Wrath | 049 | 95061 | 000 | pr.id.ff | id.idFFff |
| Stornoway | 026 | 97101 | 023 | + | d. |
| Benbecula | 022 | 02081 | 000 | r.r.d.d. | id.d.r. |
| Tiree | 100 | 00101 | 011 | + | + |
| Aldergrove | 917 | 05102 | 002 | d.r.drpr. | pRr.rd.r. |
| Malin | 980 | 0811 | 003 | | |
| Belmullet | 976 | 1309 | 000 | | |
| Birr | 965 | 0209 | 005 | | |
| Dublin | 969 | 0109 | 001 | | |
| Shannon | 962 | 0310 | 010 | | |
| Roches Point | 952 | 9410 | 034 | | |
| Valentia | 953 | 0109 | 038 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

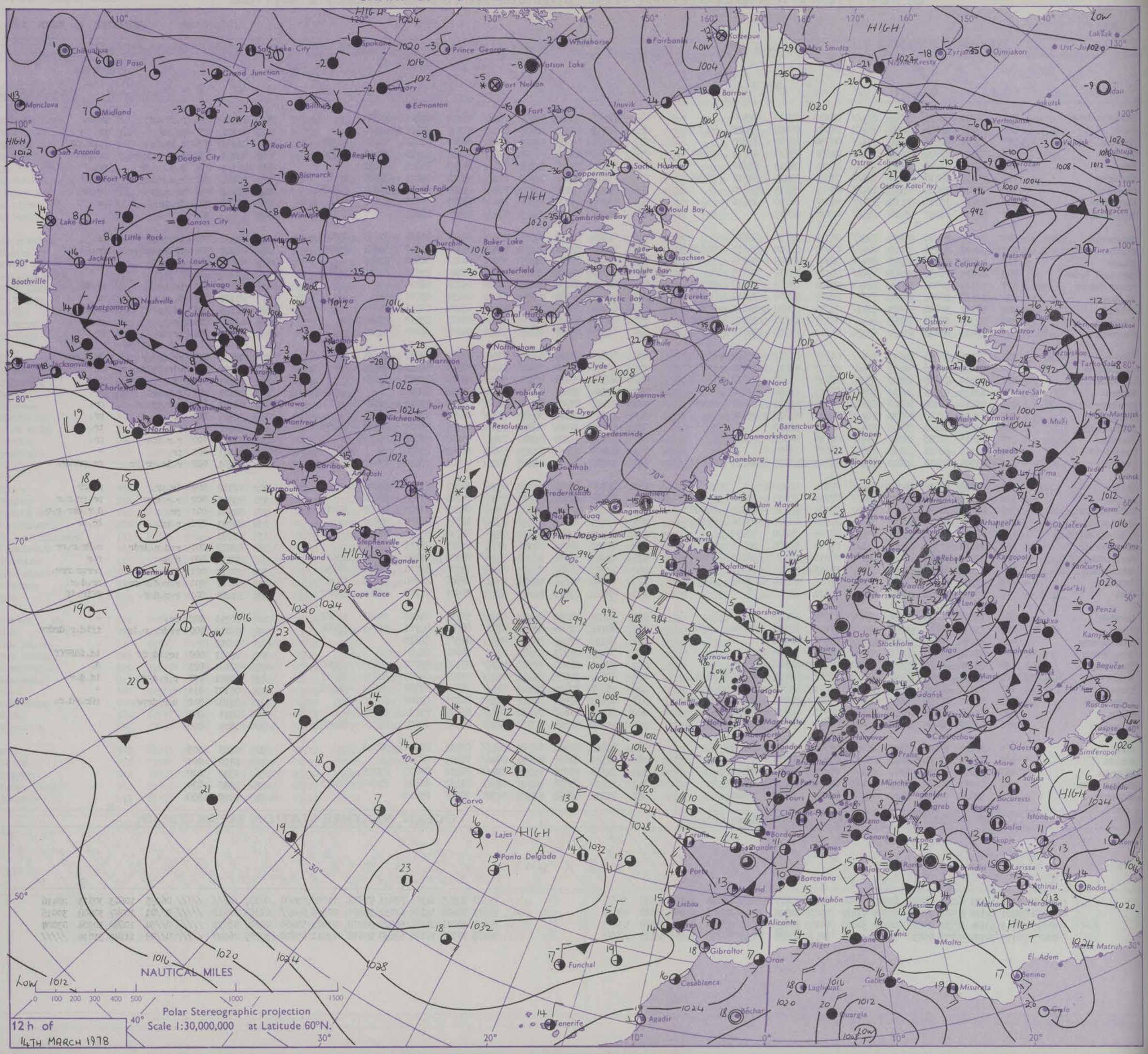
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 14121 | 52719 | 98278 | 05903 | 52500 | 00136 | ///// | ///// | 05754 | 10651 | 30910 | ///// |
| L | 99569 | 70201 | 14124 | 82943 | 97616 | 89906 | 4742/ | 00235 | 84710 | 88530 | 0//01 | 10965 | 31012 | 28017 |
| M | 99655 | 10013 | 14124 | 60319 | 98878 | 04150 | 59462 | 00305 | 84915 | ///// | 0//53 | 10659 | 30504 | 03005 |
| R | 99477 | 70179 | 14124 | 52730 | 98038 | 19710 | 22531 | 00117 | 82820 | ///// | 0//10 | 11151 | 31118 | ///// |

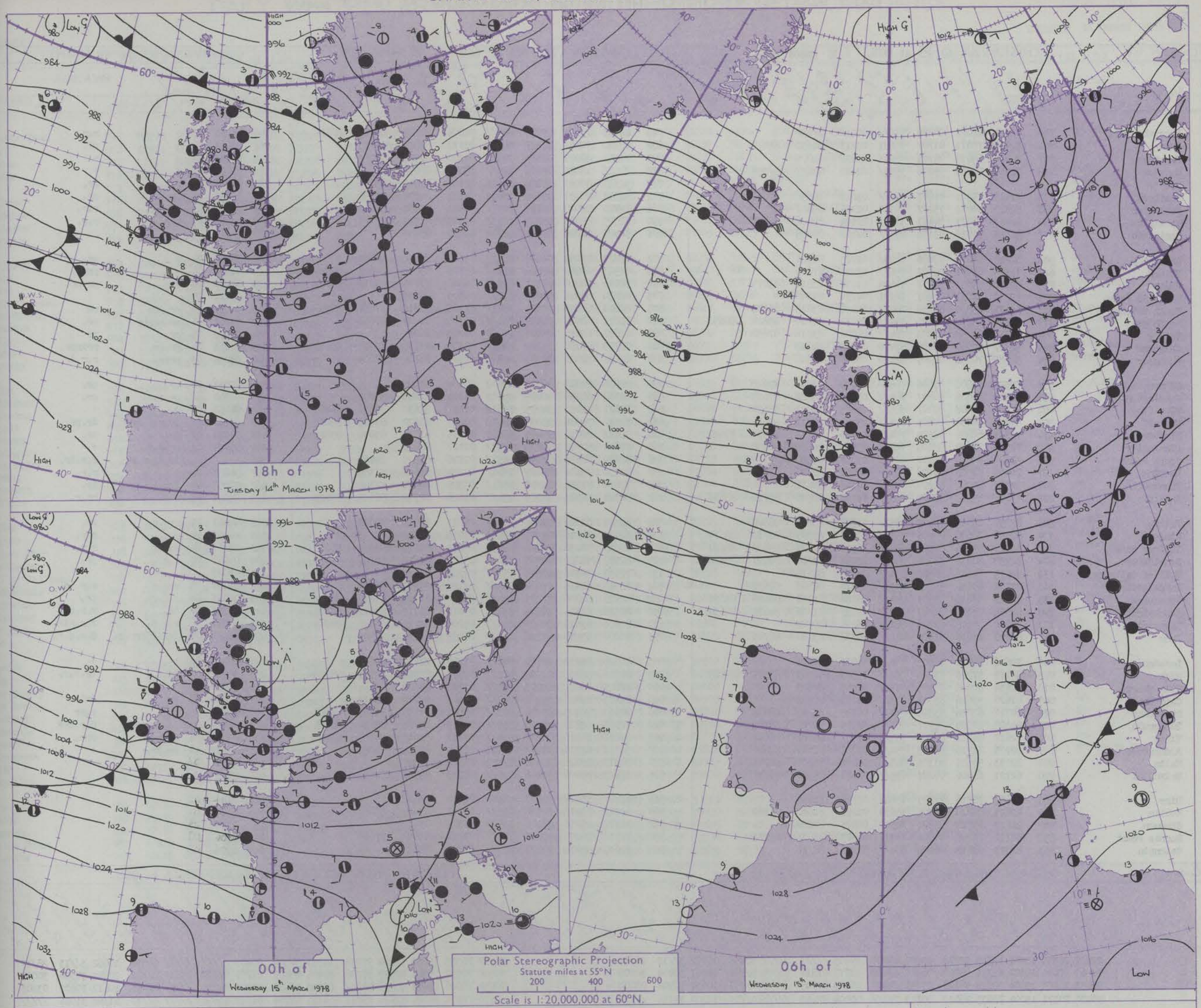
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 14181 | 72821 | 97878 | 11000 | 73400 | 00332 | ///// | ///// | 06255 | 10643 | 30913 | 28416 |
| L | 99571 | 70204 | 14184 | 62732 | 95808 | 90305 | 694// | 61808 | 86912 | ///// | 0//01 | 10947 | 30808 | 30016 |
| M | 99654 | 10011 | 14184 | 50521 | 98278 | 03401 | 59460 | 00607 | 83915 | ///// | 0//54 | 10640 | 30504 | 03004 |
| R | 99473 | 70173 | 14184 | 62630 | 98038 | 19911 | 65600 | 32305 | 86640 | ///// | 0//08 | 11145 | 31014 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday WEDNESDAY 15 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

A complex depression from north Ireland to about 300 miles south of Iceland maintained a strong to gale unstable southwesterly airstream over the British Isles. During the past 24 hours an associated trough has extended eastwards to the northern North Sea and a frontal trough has moved rapidly east into southwest England and Wales.

Little change is expected during the next 24 hours. The low off the north of Ireland with an associated trough to south Norway will persist, maintaining the strong to gale unstable westerlies over England and Wales.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

## Code FM 11.V — OBSERVATIONS at 00h. 15 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72621 | 82022 | 00006 | 756// | 00216 | 87630 | | |
| Hurn | 862 | 52415 | 70011 | 01707 | 15631 | 02213 | 81630 | 85070 | |
| Manston | 797 | 22420 | 65018 | 98206 | 00901 | 02108 | 82075 | | |
| Gatwick | 776 | 72518 | 70038 | 99206 | 3555/ | 02110 | 83627 | 87358 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 72415 | 75212 | 97807 | 756// | 03210 | 84630 | 87650 | |
| Henington | 586 | 52322 | 80012 | 93407 | 55500 | 02104 | 85627 | | |
| Wattisham | 590 | 82423 | 68021 | 94407 | 885// | 02104 | 82822 | 88635 | |
| Gorleston | 497 | 82320 | 62036 | 93108 | 855// | 02102 | 88625 | | |
| Aberporth | 502 | 62728 | 65018 | 98406 | 6093/ | 02225 | 86360 | | |
| Filton | 628 | 72725 | 65031 | 99707 | 756// | 03222 | 87632 | | |
| Rhoose | 715 | 32524 | 75031 | 98907 | 11401 | 01112 | 81818 | 83075 | |
| Hartland Point | 703 | 22730 | 74031 | 02407 | 10931 | 04234 | 81360 | | |
| Mount Batten | 827 | 72821 | 65038 | 05108 | 784// | 04215 | 83818 | 86635 | |
| St Mawgan | 817 | 82720 | 65278 | 05407 | 894// | 05114 | 82914 | 83822 | 88650 |
| Scilly | 804 | 72732 | 60258 | 06809 | 784// | 06002 | 83816 | 87650 | |
| Culdrose | 809 | 52817 | 59038 | 06408 | 58400 | 05011 | 84818 | | |
| Guernsey | 894 | 32725 | 70258 | 07905 | 22430 | 03208 | 82818 | | |
| Elmdon | 534 | 72523 | 70806 | 93506 | 784// | 01209 | 83818 | 87620 | |
| Cardington | 559 | 72322 | 66808 | 94507 | 785// | 03209 | 84822 | 87633 | |
| Wittering | 462 | 82524 | 80808 | 92107 | 885// | 02205 | 84822 | 88630 | |
| Watnall | 354 | 82420 | 64638 | 90305 | 854// | 03204 | 84711 | 88614 | |
| Shawbury | 414 | 72523 | 66808 | 92505 | 784// | 03320 | 81712 | 84815 | 87622 |
| Finningley | 360 | 72317 | 84028 | 88106 | 755// | 03005 | 86620 | 86650 | |
| Spurn Point | 396 | 52328 | 70016 | 87607 | 5097/ | 03704 | 85360 | | |
| Leeming | 257 | 72509 | 84028 | 84106 | 784// | 03801 | 82816 | 87620 | |
| Tynemouth | 262 | 82308 | 80022 | 82207 | 856// | 04102 | 88631 | | |
| Carlisle | 222 | 82611 | 65218 | 82407 | 853// | 07208 | 82706 | 85712 | 88617 |
| Valley | 302 | 82737 | 65028 | 93407 | 855// | 02337 | 83622 | 88640 | |
| Ringway | 334 | 82622 | 50636 | 89206 | 853// | 03210 | 81708 | 86710 | 88615 |
| Squires Gate | 318 | 82729 | 57616 | 87506 | 854// | 06316 | 82714 | 85618 | 88624 |
| Ronaldsway | 204 | 82933 | 80218 | 88606 | 884// | 03242 | 82714 | 84819 | 88626 |
| Mull of Galloway | 131 | 82935 | 75616 | 86506 | 874// | 05240 | 88715 | | |
| Eskdalemuir | 162 | 82712 | 60636 | 82206 | 853// | 05314 | 84708 | 88630 | |
| Prestwick | 135 | 83012 | 58636 | 83507 | 854// | 06326 | 81710 | 86628 | 88650 |
| Abbotsinch | 140 | 82805 | 75608 | 82707 | 7831/ | 07222 | 81708 | 84632 | 86650 |
| Leuchars | 171 | 80000 | 35108 | 81206 | 861// | 06210 | 88702 | | |
| Dyce | 091 | 80000 | 14616 | 81506 | 870// | 06303 | 83700 | 88701 | |
| Lerwick | 005 | 70626 | 70022 | 88003 | 754// | 51801 | 87618 | | |
| Wick | 075 | 80719 | 57216 | 83405 | 862// | 05303 | 82703 | 85705 | 88708 |
| Sule Skerry | 010 | 80934 | 60028 | 85505 | 855// | 04103 | 88620 | | |
| Cape Wrath | 049 | 81420 | 59626 | 83305 | 873// | 04212 | 88708 | | |
| Stornoway | 026 | 80711 | 62026 | 83306 | 853// | 06105 | 83708 | 88618 | |
| Benbecula | 022 | 80000 | 40506 | 82707 | 861// | 07105 | 83702 | 88708 | |
| Tiree | 100 | 72617 | 66012 | 82907 | 753// | 07107 | 83707 | 87647 | |
| Aldergrove | 917 | 82721 | 81216 | 89705 | 854// | 03248 | 82616 | 88620 | |
| Malin | 980 | 82733 | 58635 | 88106 | 863// | 04236 | 85707 | 88712 | |
| Belmullet | 976 | 62721 | 68806 | 94207 | 635// | 02001 | 85920 | 83637 | |
| Birr | 965 | 12607 | 70016 | 97205 | 15600 | 02116 | 81634 | | |
| Dublin | 969 | 42625 | 80016 | 92905 | 15630 | 01225 | 81640 | 84360 | |
| Shannon | 962 | 22613 | 75018 | 98307 | 22500 | 04803 | 82820 | | |
| Roches Point | 952 | 52311 | 70258 | 00606 | 18471 | 04803 | 81817 | 85073 | |
| Valentia | 953 | 82313 | 68618 | 00108 | 864// | 07726 | 88717 | | |

## OBSERVATIONS at 06h. 15 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82108 | 75611 | 99805 | 853// | 04804 | 82708 | 86711 | 88625 |
| Hurn | 862 | 62312 | 70801 | 00507 | 685// | 05712 | 82820 | 85635 | |
| Manston | 797 | 72420 | 80021 | 98805 | 10932 | 01206 | 81364 | 87075 | |
| Gatwick | 776 | 72516 | 75031 | 99806 | 756// | 03000 | 87634 | | |
| Kew | 775 | 32313 | 80021 | 98806 | 15601 | 02106 | 81640 | 83075 | |
| Heathrow | 772 | 52211 | 70031 | 98806 | 15632 | 03102 | 81630 | 83358 | |
| Henington | 586 | 72420 | 82028 | 94705 | 7097/ | 00312 | 87458 | | |
| Wattisham | 590 | 72525 | 80016 | 95504 | 10932 | 50309 | 81359 | 87075 | |
| Gorleston | 497 | 52421 | 66016 | 93509 | 55700 | 51210 | 85650 | | |
| Aberporth | 502 | 72520 | 75038 | 97607 | 784// | 05614 | 86816 | 86640 | |
| Filton | 628 | 82511 | 60802 | 99406 | 884// | 05706 | 83818 | 84625 | 88635 |
| Rhoose | 715 | 82416 | 58808 | 99107 | 882// | 06801 | 83705 | 84812 | 88625 |
| Hartland Point | 703 | 82630 | 66026 | 00808 | 856// | 06505 | 88631 | | |
| Mount Batten | 827 | 82821 | 62028 | 03109 | 7847/ | 07101 | 83816 | 87632 | 88458 |
| St Mawgan | 817 | 72623 | 60028 | 03509 | 784// | 06305 | 81814 | 87650 | |
| Scilly | 804 | 62827 | 60036 | 05510 | 65400 | 08209 | 86614 | | |
| Culdrose | 809 | 72723 | 57168 | 04109 | 794// | 08308 | 81710 | 82915 | 85818 |
| Guernsey | 894 | 82631 | 50216 | 06009 | 853// | 07509 | 84706 | 87614 | |
| Elmdon | 534 | 22616 | 80018 | 95705 | 15502 | 00104 | 81625 | | |
| Cardington | 559 | 62318 | 68038 | 96405 | 25602 | 01209 | 82645 | 86075 | |
| Wittering | 462 | 72617 | 82038 | 94405 | 35612 | 01217 | 81630 | 83656 | 86465 |
| Watnall | 354 | 72512 | 70036 | 93905 | 38572 | 00217 | 81820 | 83360 | 85072 |
| Shawbury | 414 | 52412 | 80018 | 95405 | 38501 | 02005 | 81820 | 83650 | 85075 |
| Finningley | 360 | 72624 | 82038 | 90906 | 6553/ | 01117 | 86622 | | |
| Spurn Point | 396 | 82629 | 68026 | 89206 | 5557/ | 02316 | 85625 | 88460 | |
| Leeming | 257 | 72730 | 75216 | 87805 | 2544/ | 02224 | 82618 | 87358 | |
| Tynemouth | 262 | 72820 | 81026 | 84906 | 4567/ | 03328 | 84630 | 87358 | |
| Carlisle | 222 | 82721 | 60616 | 88305 | 854// | 03128 | 82712 | 86618 | 88623 |
| Valley | 302 | 82524 | 62802 | 94806 | 884// | 05811 | 86816 | 88630 | |
| Ringway | 334 | 62715 | 70016 | 93305 | 65601 | 01015 | 86640 | | |
| Squires Gate | 318 | 62619 | 70036 | 92606 | 28532 | 05215 | 81824 | 83359 | 86070 |
| Ronaldsway | 204 | 62717 | 68032 | 92205 | 18432 | 03106 | 81818 | 84359 | 85075 |
| Mull of Galloway | 131 | 72933 | 78016 | 90605 | 755// | 02213 | 87620 | | |
| Eskdalemuir | 162 | 82518 | 60616 | 87004 | 873// | 02127 | 85709 | 88715 | |
| Prestwick | 135 | 82918 | 62806 | 87905 | 884// | 04119 | 81712 | 83818 | 87622 |
| Abbotsinch | 140 | 82518 | 68616 | 86105 | 884// | 03116 | 81712 | 83816 | 85620 |
| Leuchars | 171 | 82606 | 65616 | 82407 | 854// | 05206 | 82712 | 85620 | 88645 |
| Dyce | 091 | 80000 | 25586 | 81706 | 870// | 06203 | 82701 | 88702 | |
| Lerwick | 005 | 70525 | 75012 | 86702 | 6547/ | 51706 | 81710 | 86615 | |
| Wick | 075 | 80616 | 58616 | 82905 | 872// | 04705 | 83704 | 85706 | 88708 |
| Sule Skerry | 010 | 80829 | 60022 | 85005 | 855// | 03702 | 88620 | | |
| Cape Wrath | 049 | 81415 | 69026 | 83205 | 854// | 05102 | 85710 | 88615 | |
| Stornoway | 026 | 80911 | 70205 | 83006 | 853// | 05505 | 81708 | 86618 | 88628 |
| Benbecula | 022 | 72925 | 63816 | 84006 | 783// | 04313 | 82708 | 85814 | 86625 |
| Tiree | 100 | 82824 | 70016 | 86006 | 5547/ | 03112 | 82615 | 84645 | 88459 |
| Aldergrove | 917 | 52110 | 65036 | 91503 | 35401 | 01104 | 83615 | 84070 | |
| Malin | 980 | 22719 | 80026 | 89406 | 18402 | 03303 | 81819 | | |
| Belmullet | 976 | 52423 | 70806 | 92706 | 535// | 04303 | 84920 | 84638 | |
| Birr | 965 | 42820 | 75018 | 95007 | 48500 | 03514 | 83820 | | |
| Dublin | 969 | 62317 | 75218 | 92706 | 655// | 03717 | 85622 | 86630 | |
| Shannon | 962 | 32722 | 75256 | 97206 | 33500 | 03304 | 83922 | | |
| Roches Point | 952 | 72518 | 70258 | 99607 | 784// | 03701 | 82817 | 87645 | |
| Valentia | 953 | 82618 | 68038 | 00308 | 825// | 03802 | 88823 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 91051 | 03 | + | r.r. |
| Hurn | 862 | 93061 | 04 | + | pr. |
| Manston | 797 | 00051 | 03 | + | + |
| Gatwick | 776 | 00051 | 02 | + | + |
| Kew | 775 | 97061 | 03 | pr. | pr. |
| Heathrow | 772 | 97051 | 03 | pr. | pr. |
| Henington | 586 | 01041 | 03 | pr.r.r | rir. |
| Wattisham | 590 | 91041 | 03 | r.r. | r.r. |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 97051 | 04 | + | pr. |
| Filton | 628 | 01061 | 04 | + | prpr. |
| Rhoose | 715 | 04061 | 04 | + | pr.pr |
| Hartland Point | 703 | 01071 | 05 | | |
| Mount Batten | 827 | 02071 | 05 | pr.prr | rR |
| St Mawgan | 817 | 01061 | 04 | pr.prphr | pr. |
| Scilly | 804 | 02082 | 05 | pr | rr |
| Culdrose | 809 | 04061 | 04 | pr.pr | rrirpr. |
| Guernsey | 894 | 03051 | 03 | prpr. | r.r.ir |
| Elmdon | 534 | 97051 | 02 | pr. | pr. |
| Cardington | 559 | 92041 | 02 | pr.r.r. | pr. |
| Wittering | 462 | 97051 | 04 | pr.r. | + |
| Watnall | 354 | 01041 | 01 | pr.r.r.rir. | ir.pr. |
| Shawbury | 414 | 91041 | 02 | pr. | pr. |
| Finningley | 360 | 96051 | 03 | pr.r.r | + |
| Spurn Point | 396 | | | id.ir.r.r. | r.r.ir. |
| Leeming | 257 | 94051 | 04 | + | r.r. |
| Tynemouth | 262 | 97051 | 04 | ir. | ir. |
| Carlisle | 222 | 04051 | 03 | r.r | rr.r. |
| Valley | 302 | 94061 | 04 | rrr.r. | pr. |
| Ringway | 334 | 06051 | 04 | rr | r.r. |
| Squires Gate | 318 | 05051 | 04 | r.r.r | r.r. |
| Ronaldsway | 204 | 01041 | 03 | r.r | pr. |
| Mull of Galloway | 131 | 03041 | | | |
| Eskdalemuir | 162 | 04031 | 03 | rrr.r | r.r.ir. |
| Prestwick | 135 | 07051 | 04 | r.r.rr | pr. |
| Abbotsinch | 140 | 01051 | 04 | ir. | r.r.pr. |
| Leuchars | 171 | 03051 | 05 | r.r.r | r.r.rir. |
| Dyce | 091 | 01051 | 05 | ir.ifffrr.r. | d.r.d.r. |
| Lerwick | 005 | 00021 | 01 | + | + |
| Wick | 075 | 95051 | 04 | ir.f | ir.r.r. |
| Sule Skerry | 010 | 95042 | 04 | | |
| Cape Wrath | 049 | 01032 | 03 | ir | irir. |
| Stornoway | 026 | 04051 | 05 | r. | r.rr |
| Benbecula | 022 | 06051 | 04 | id.d.r.r. | d.r.RpR |
| Tiree | 100 | 03051 | 04 | d.rrr. | rrr. |
| Aldergrove | 917 | 01032 | 50 | rr.ir. | + |
| Malin | 980 | 0705 | 03 | | |
| Belmullet | 976 | 0305 | 03 | | |
| Birr | 965 | 9704 | 02 | | |
| Dublin | 969 | 0204 | 01 | | |
| Shannon | 962 | 0204 | 03 | | |
| Roches Point | 952 | 9606 | 03 | | |
| Valentia | 953 | 0206 | 03 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 15001 | 62820 | 97278 | 10200 | 63400 | 00815 | ///// | ///// | 06458 | 10757 | 3//12 | 28/18 |
| L | 99569 | 70195 | 15004 | 42221 | 98028 | 86905 | 12402 | 21717 | 81818 | 83075 | 0//01 | 10967 | 30404 | 30008 |
| M | 99653 | 10009 | 15004 | 20725 | 98268 | 03250 | 29400 | 00605 | 82915 | ///// | 0//51 | 10634 | 30504 | 03004 |
| R | 99470 | 70171 | 15004 | 72633 | 98022 | 20712 | 757// | 00004 | 87650 | ///// | 0//09 | 11200 | 31014 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 15061 | 52824 | 97018 | 11551 | 54500 | 00103 | ///// | ///// | 06658 | 10662 | 3//13 | 28/17 |
| L | 99568 | 70187 | 15064 | 42529 | 97238 | 82405 | 45400 | 21709 | 82710 | 84620 | 0//52 | 10944 | 30606 | 30007 |
| M | 99654 | 10006 | 15064 | 50826 | 98858 | 01550 | 59400 | 00509 | 84915 | ///// | 0//51 | 10617 | 30605 | 03003 |
| R | 99470 | 70174 | 15064 | 52634 | 98012 | 16111 | 55700 | 61729 | 85656 | ///// | 0//10 | 11168 | 31016 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42483

Date of Issue THURSDAY 16 MARCH 1978

## OBSERVATIONS at 12h. 15 MARCH 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82723 | 75036 | 01309 | 22507 | 02310 | 82825 | 88272 | |
| Hurn | 862 | 82521 | 65028 | 02611 | 11507 | 03109 | 81822 | 88270 | |
| Manston | 797 | 72519 | 81031 | 99411 | 42436 | 04202 | 84819 | 87272 | |
| Gatwick | 776 | 82720 | 75038 | 00211 | 42507 | 03005 | 84828 | 88272 | |
| Kew | 775 | 82519 | 81028 | 99311 | 52507 | 03301 | 85825 | 88272 | |
| Heathrow | 772 | 82620 | 75038 | 99411 | 58537 | 05005 | 85828 | 88275 | |
| Honington | 586 | 72522 | 70802 | 96109 | 69502 | 03204 | 83920 | 84830 | |
| Wattisham | 590 | 72625 | 65808 | 97209 | 68402 | 04305 | 84817 | 83645 | 85075 |
| Gorleston | 497 | 52522 | 66022 | 95410 | 52500 | 01203 | 85825 | | |
| Aberporth | 502 | 82416 | 62252 | 98407 | 884// | 04003 | 86818 | 88627 | |
| Filton | 628 | 72721 | 70028 | 01109 | 18508 | 04112 | 81824 | 87272 | |
| Rhoose | 715 | 72315 | 61258 | 01408 | 685/8 | 04014 | 83823 | 86640 | 87272 |
| Hartland Point | 703 | 81825 | 56022 | 01708 | 4657/ | 07804 | 84720 | 88460 | |
| Mount Batten | 827 | 82315 | 63028 | 04010 | 2247/ | 06007 | 81715 | 84357 | 88462 |
| St.Mawgan | 817 | 82419 | 58052 | 03910 | 28477 | 07808 | 82816 | 88270 | |
| Scilly | 804 | 82523 | 62022 | 04410 | 6841/ | 08717 | 82712 | 83623 | 88460 |
| Culdrose | 809 | 82616 | 57052 | 04510 | 6831/ | 09807 | 81708 | 83812 | 85635 |
| Guernsey | 894 | 72529 | 61026 | 07609 | 36338 | 08806 | 82707 | 87272 | |
| Elmdon | 534 | 52622 | 75251 | 96310 | 58502 | 01103 | 84828 | | |
| Cardington | 559 | 62521 | 75258 | 96711 | 38532 | 03301 | 83825 | 85075 | |
| Wittering | 462 | 72623 | 65251 | 94910 | 68531 | 04010 | 86820 | | |
| Watnall | 354 | 72418 | 75028 | 94109 | 726// | 02803 | 87832 | | |
| Shawbury | 414 | 42627 | 75028 | 95410 | 32501 | 03306 | 83823 | | |
| Finningley | 360 | 72624 | 80802 | 92409 | 785// | 02202 | 85822 | 86650 | |
| Spurn Point | 396 | 82621 | 60031 | 92008 | 815// | 03005 | 88822 | | |
| Leeming | 257 | 62720 | 82012 | 90308 | 28572 | 03106 | 81820 | 83360 | 85070 |
| Tynemouth | 262 | 72818 | 80022 | 88308 | 4567/ | 01224 | 84630 | 87358 | |
| Carlisle | 222 | 72622 | 70036 | 89809 | 52532 | 05109 | 85820 | 85072 | |
| Valley | 302 | 12518 | 80018 | 95809 | 18401 | 04016 | 81818 | | |
| Ringway | 334 | 72519 | 65258 | 93707 | 784// | 04206 | 82812 | 85615 | 87640 |
| Squires Gate | 318 | 52614 | 70216 | 93907 | 58400 | 06315 | 81815 | 85635 | |
| Ronaldsway | 204 | 52620 | 75018 | 92907 | 58400 | 03109 | 81714 | 83816 | |
| Mull of Galloway | 131 | 52620 | 78152 | 91407 | 33530 | 04001 | 83920 | 83360 | |
| Eskdalemuir | 162 | 62722 | 75018 | 89006 | 49432 | 51309 | 81917 | 84818 | 85072 |
| Prestwick | 135 | 72618 | 75028 | 89408 | 18432 | 03109 | 81818 | 83362 | 86075 |
| Abbotsinch | 140 | 62816 | 80258 | 88108 | 38532 | 03111 | 83820 | 86070 | |
| Leuchars | 171 | 72620 | 80606 | 85307 | 4551/ | 02215 | 84625 | 87460 | |
| Dyce | 091 | 82813 | 75616 | 83306 | 854// | 04312 | 81710 | 83614 | 88624 |
| Lerwick | 005 | 70625 | 65022 | 86603 | 7543/ | 51400 | 82710 | 86615 | |
| Wick | 075 | 80713 | 70616 | 83605 | 853// | 04003 | 83709 | 86615 | 88622 |
| Sule Skerry | 010 | 80718 | 60606 | 85405 | 874// | 04303 | 88715 | | |
| Cape Wrath | 049 | 81412 | 57626 | 84404 | 873// | 03207 | 88708 | | |
| Stornoway | 026 | 82714 | 70606 | 84505 | 5541/ | 04207 | 81710 | 84617 | 88459 |
| Benbecula | 022 | 72511 | 81018 | 85608 | 18532 | 01006 | 81820 | 87070 | |
| Tiree | 100 | 72518 | 75032 | 87306 | 784// | 04302 | 82817 | 87637 | |
| Aldergrove | 917 | 72307 | 62158 | 91707 | 724// | 03801 | 81818 | 87826 | |
| Malin | 980 | 72530 | 80038 | 89707 | 634/2 | 01601 | 81714 | 85820 | 82920 |
| Belmullet | 976 | 72421 | 70858 | 91705 | 735// | 51713 | 86920 | 84638 | |
| Birr | 965 | 52410 | 80258 | 95406 | 524// | 03809 | 85819 | | |
| Dublin | 969 | 72418 | 82038 | 94508 | 784// | 50000 | 83819 | 87640 | |
| Shannon | 962 | 72614 | 70258 | 97105 | 735// | 02606 | 83920 | 86640 | |
| Roches Point | 952 | 82523 | 70808 | 98008 | 2947/ | 03811 | 81715 | 81917 | 88459 |
| Valentia | 953 | 52625 | 65278 | 99506 | 53500 | 01001 | 84920 | 83640 | |

## OBSERVATIONS at 18h. 15 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72411 | 75252 | 96408 | 784// | 04828 | 84818 | 86630 | 87656 |
| Hurn | 862 | 82215 | 62212 | 97509 | 6542/ | 06730 | 81615 | 85645 | 88460 |
| Manston | 797 | 82216 | 72032 | 97708 | 1567/ | 04717 | 81635 | 84364 | 88466 |
| Gatwick | 776 | 82316 | 64022 | 97209 | 5142/ | 05826 | 85816 | 88468 | |
| Kew | 775 | 82213 | 65602 | 96309 | 7552/ | 05827 | 87625 | 88458 | |
| Heathrow | 772 | 82710 | 57622 | 96508 | 7552/ | 07725 | 86622 | 86656 | 88460 |
| Honington | 586 | 72315 | 70258 | 94908 | 38508 | 03810 | 81828 | 83640 | 87275 |
| Wattisham | 590 | 72213 | 68258 | 95708 | 42508 | 03807 | 84828 | 87275 | |
| Gorleston | 497 | 82416 | 66022 | 94810 | 21507 | 01603 | 82825 | 88275 | |
| Aberporth | 502 | 52615 | 84018 | 94805 | 38542 | 52816 | 82825 | 85075 | |
| Filton | 628 | 82513 | 60608 | 97106 | 853// | 05623 | 81707 | 85618 | 88640 |
| Rhoose | 715 | 72516 | 70618 | 96305 | 48478 | 02620 | 81710 | 83618 | 87270 |
| Hartland Point | 703 | 82615 | 70022 | 97805 | 4657/ | 04813 | 84720 | 88460 | |
| Mount Batten | 827 | 82515 | 59618 | 98107 | 6832/ | 06629 | 81709 | 86640 | 88558 |
| St.Mawgan | 817 | 73012 | 62618 | 98505 | 4742/ | 04723 | 84710 | 86540 | |
| Scilly | 804 | 73507 | 74216 | 98507 | 784// | 06728 | 83811 | 87620 | |
| Culdrose | 809 | 83211 | 60818 | 98806 | 5821/ | 06629 | 83703 | 85818 | 88460 |
| Guernsey | 894 | 82520 | 40636 | 03107 | 852// | 06731 | 81705 | 83612 | 88640 |
| Elmdon | 534 | 72411 | 80298 | 94605 | 38422 | 03619 | 81715 | 87072 | |
| Cardington | 559 | 82216 | 75258 | 95207 | 49577 | 05616 | 82925 | 83635 | 88278 |
| Wittering | 462 | 72414 | 70808 | 94007 | 785// | 04814 | 84826 | 87645 | |
| Watnall | 354 | 72310 | 75808 | 92807 | 684/2 | 03719 | 83816 | 86635 | |
| Shawbury | 414 | 62515 | 80018 | 93905 | 13432 | 02517 | 81915 | 86072 | |
| Finningley | 360 | 72312 | 70038 | 91407 | 58603 | 03716 | 82830 | 84650 | 85070 |
| Spurn Point | 396 | 52416 | 66028 | 91408 | 21658 | 03713 | 82830 | 84360 | 85275 |
| Leeming | 257 | 42312 | 65031 | 89506 | 49500 | 01814 | 84925 | | |
| Tynemouth | 262 | 32517 | 69011 | 88107 | 11630 | 52604 | 81830 | 83358 | |
| Carlisle | 222 | 52409 | 75018 | 88405 | 48532 | 02810 | 81822 | 83645 | |
| Valley | 302 | 62721 | 80271 | 92305 | 6946/ | 01715 | 81916 | 83822 | 85634 |
| Ringway | 334 | 82816 | 45878 | 92405 | 894// | 01506 | 86912 | 88645 | |
| Squires Gate | 318 | 72514 | 70038 | 91105 | 49403 | 03818 | 81710 | 82915 | 84070 |
| Ronaldsway | 204 | 52617 | 68158 | 90204 | 59403 | 52716 | 81818 | 83920 | 85650 |
| Mull of Galloway | 131 | 52425 | 80278 | 88504 | 53400 | 00725 | 81915 | 84825 | |
| Eskdalemuir | 162 | 12307 | 83018 | 87803 | 18400 | 00809 | 81818 | | |
| Prestwick | 135 | 72712 | 65258 | 87203 | 69373 | 02616 | 81706 | 81910 | 85815 |
| Abbotsinch | 140 | 62309 | 65808 | 86405 | 584/1 | 01810 | 81816 | 83822 | 85645 |
| Leuchars | 171 | 72514 | 75156 | 85106 | 53502 | 01502 | 81920 | 83645 | 85070 |
| Dyce | 091 | 83014 | 57637 | 84003 | 854// | 01005 | 82710 | 84615 | 88635 |
| Lerwick | 005 | 70620 | 70022 | 86702 | 754// | 52302 | 86615 | | |
| Wick | 075 | 81012 | 57636 | 83505 | 853// | 04303 | 83707 | 86712 | 88620 |
| Sule Skerry | 010 | 80728 | 58616 | 84405 | 874// | 04602 | 88715 | | |
| Cape Wrath | 049 | 82314 | 74606 | 83605 | 5542/ | 02705 | 82710 | 85615 | 88550 |
| Stornoway | 026 | 72604 | 75028 | 83405 | 28471 | 03706 | 81818 | 86361 | |
| Benbecula | 022 | 72407 | 80028 | 83705 | 28402 | 02706 | 81816 | 87070 | |
| Tiree | 100 | 52809 | 82258 | 84404 | 49401 | 02713 | 81712 | 82918 | |
| Aldergrove | 917 | 42217 | 75158 | 88502 | 49402 | 51816 | 81712 | 81915 | 83650 |
| Malin | 980 | 62415 | 65158 | 86603 | 534/2 | 51713 | 81714 | 84818 | 81918 |
| Belmullet | 976 | 62517 | 76018 | 87804 | 634// | 54818 | 81717 | 85820 | 82920 |
| Birr | 965 | 12507 | 80268 | 91802 | 13500 | 51821 | 81920 | | |
| Dublin | 969 | 22416 | 80268 | 91102 | 22500 | 50720 | 82820 | | |
| Shannon | 962 | 62615 | 82038 | 92305 | 43503 | 53626 | 83922 | 83068 | |
| Roches Point | 952 | 72308 | 80038 | 94006 | 38402 | 53736 | 81815 | 83638 | 86071 |
| Valentia | 953 | 82413 | 58606 | 93904 | 864// | 01633 | 88712 | | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 02101 | 026 | + | pr.prr.rr.r. |
| Hurn | 862 | 02111 | 011 | pr. | pr.rr. |
| Manston | 797 | 00120 | 039 | + | + |
| Gatwick | 776 | 05112 | 019 | pr. | r.rR |
| Kew | 775 | 02121 | 031 | pr. | r.rR |
| Heathrow | 772 | 03121 | 035 | pr. | r.rR |
| Honington | 586 | 92121 | 068 | pr. | pr. |
| Wattisham | 590 | 97111 | 063 | pr. | pr.r. |
| Gorleston | 497 | | 078 | | |
| Aberporth | 502 | 01091 | 015 | pr. | pr. |
| Filton | 628 | 04091 | 007 | pr.r.r | Rr.rr. |
| Rhoose | 715 | 03091 | 000 | pr.pr | prr.-r.r.pr. |
| Hartland Point | 703 | 01091 | 000 | | |
| Mount Batten | 827 | 04101 | 001 | pr.pr | pr.r.rr. |
| St.Mawgan | 817 | 03101 | 000 | pr | prrr.r. |
| Scilly | 804 | 04112 | 002 | + | ir.pR |
| Culdrose | 809 | 01102 | 000 | + | pr.prir.r.r. |
| Guernsey | 894 | 11102 | 006 | ir.ir | rrRr.r. |
| Elmdon | 534 | 01111 | 055 | pr. | pr.r.rRtl. |
| Cardington | 559 | 93121 | 049 | pr. | pr. |
| Wittering | 462 | 91111 | 056 | pr. | pr. |
| Watnall | 354 | 91101 | 032 | pr. | pr. |
| Shawbury | 414 | 92101 | 044 | pr. | pr.pr |
| Finningley | 360 | 01101 | 041 | pr | pr. |
| Spurn Point | 396 | | | pr | + |
| Leeming | 257 | 01106 | 049 | jp | pr.ps.ps |
| Tynemouth | 262 | 92101 | 072 | + | pr |
| Carlisle | 222 | 01096 | 067 | pr. | pr.prpsps. |
| Valley | 302 | 97091 | 037 | pr. | pr.ph. |
| Ringway | 334 | 02091 | 026 | pr. | pr.ph. |
| Squires Gate | 318 | 05091 | 042 | r.rR | prphrtl.r. |
| Ronaldsway | 204 | 95091 | 034 | pr. | pr.ps. |
| Mull of Galloway | 131 | 92081 | | | |
| Eskdalemuir | 162 | 01081 | 035 | pr. | pr.pr.s.ph. |
| Prestwick | 135 | 03095 | 040 | ph. | prprspr.s. |
| Abbotsinch | 140 | 03092 | 037 | pr. | pr.ph.prsps. |
| Leuchars | 171 | 92091 | 009 | ir. | jp |
| Dyce | 091 | 05071 | 000 | r.r.r | rRSir. |
| Lerwick | 005 | 00041 | 001 | + | + |
| Wick | 075 | 15062 | 000 | ir.r.r.rr | rr |
| Sule Skerry | 010 | 09052 | | | |
| Cape Wrath | 049 | 05052 | 000 | irir.r.r. | ir. |
| Stornoway | 026 | 05071 | 000 | rrr.r.pr. | jp |
| Benbecula | 022 | 97081 | 035 | pr. | pr. |
| Tiree | 100 | 97091 | 042 | + | pr. |
| Aldergrove | 917 | 01081 | 041 | pr.prph.r.s. | ph.r.s.ps.pr. |
| Malin | 980 | 0107 | 026 | | |
| Belmullet | 976 | 0406 | 031 | | |
| Birr | 965 | 0207 | 039 | | |
| Dublin | 969 | 9509 | 040 | | |
| Shannon | 962 | 0307 | 052 | | |
| Roches Point | 952 | 0109 | 014 | | |
| Valentia | 953 | 0408 | 020 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

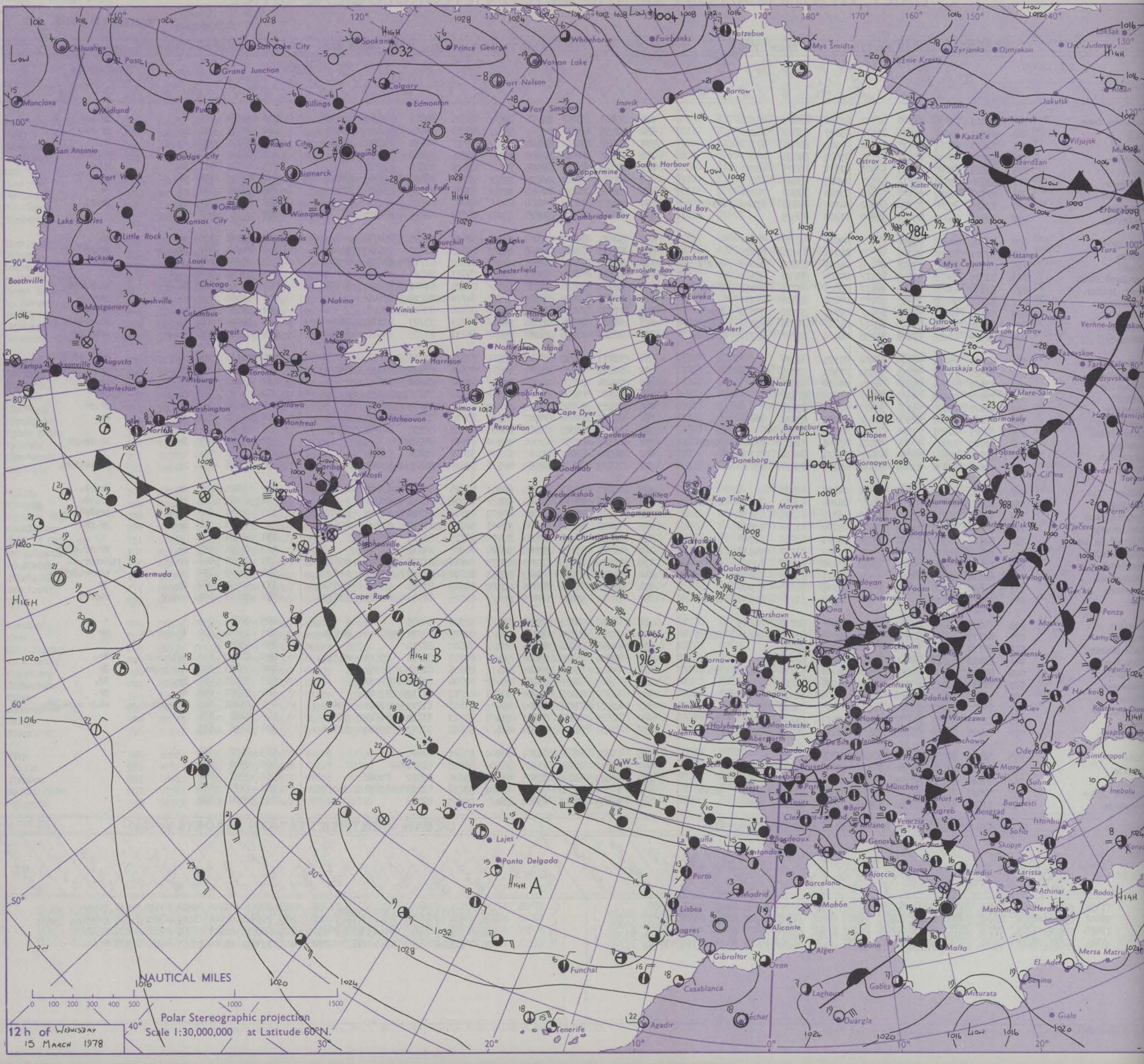
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 15121 | 73122 | 97278 | 16701 | 73400 | 00230 | ///// | ///// | 06153 | 10684 | 31314 | 28420 |
| L | 99567 | 70176 | 15124 | 61815 | 98258 | 77505 | 694// | 21624 | 81910 | 85815 | 0//00 | 10930 | 30403 | 24008 |
| M | 99653 | 10004 | 15124 | 60732 | 98268 | 01700 | 69400 | 00301 | 86913 | ///// | 0//51 | 10612 | 30606 | 99/03 |
| R | 99471 | 70173 | 15124 | 82733 | 97216 | 12810 | 8082/ | 00718 | 88457 | ///// | 0//09 | 11137 | 31118 | ///// |

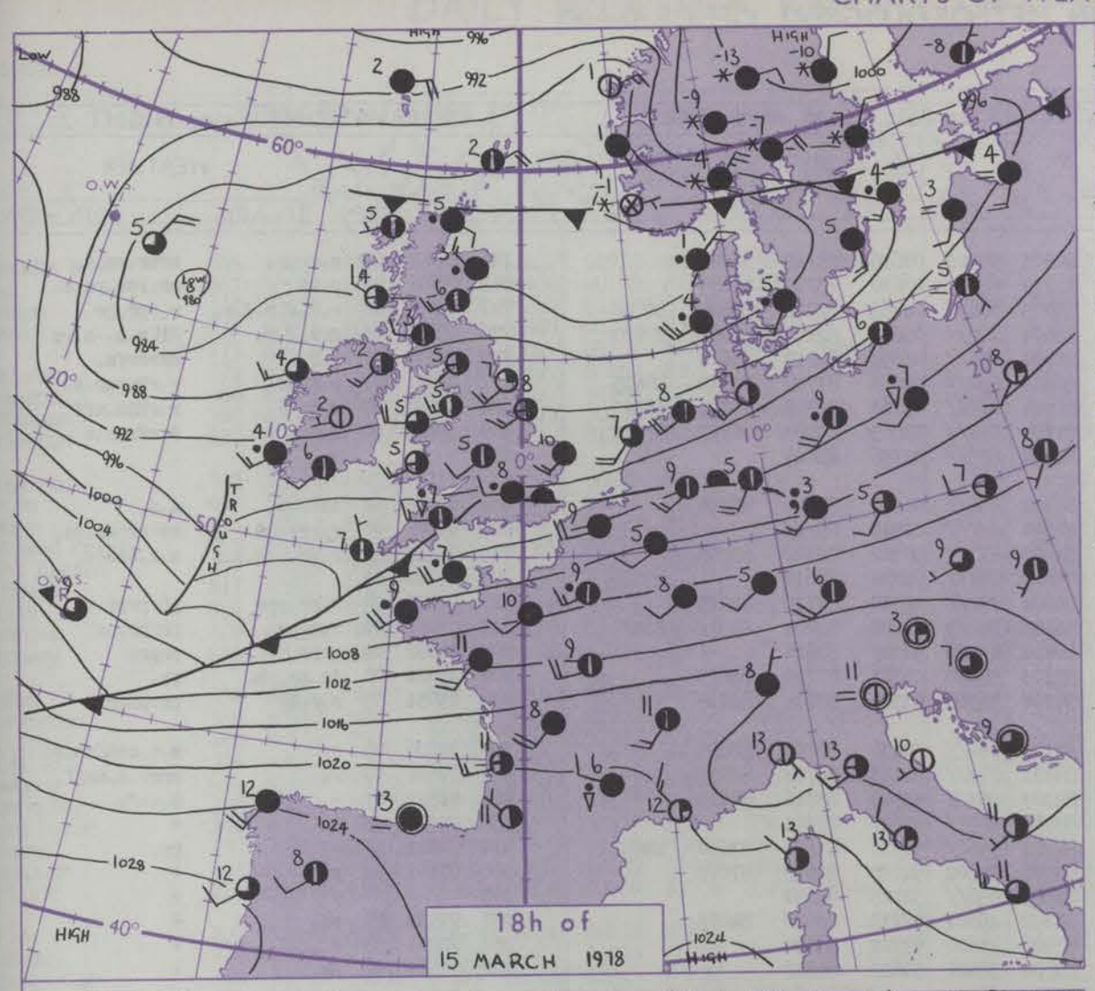
## OCEAN WEATHER STATION REPORTS at 18h.

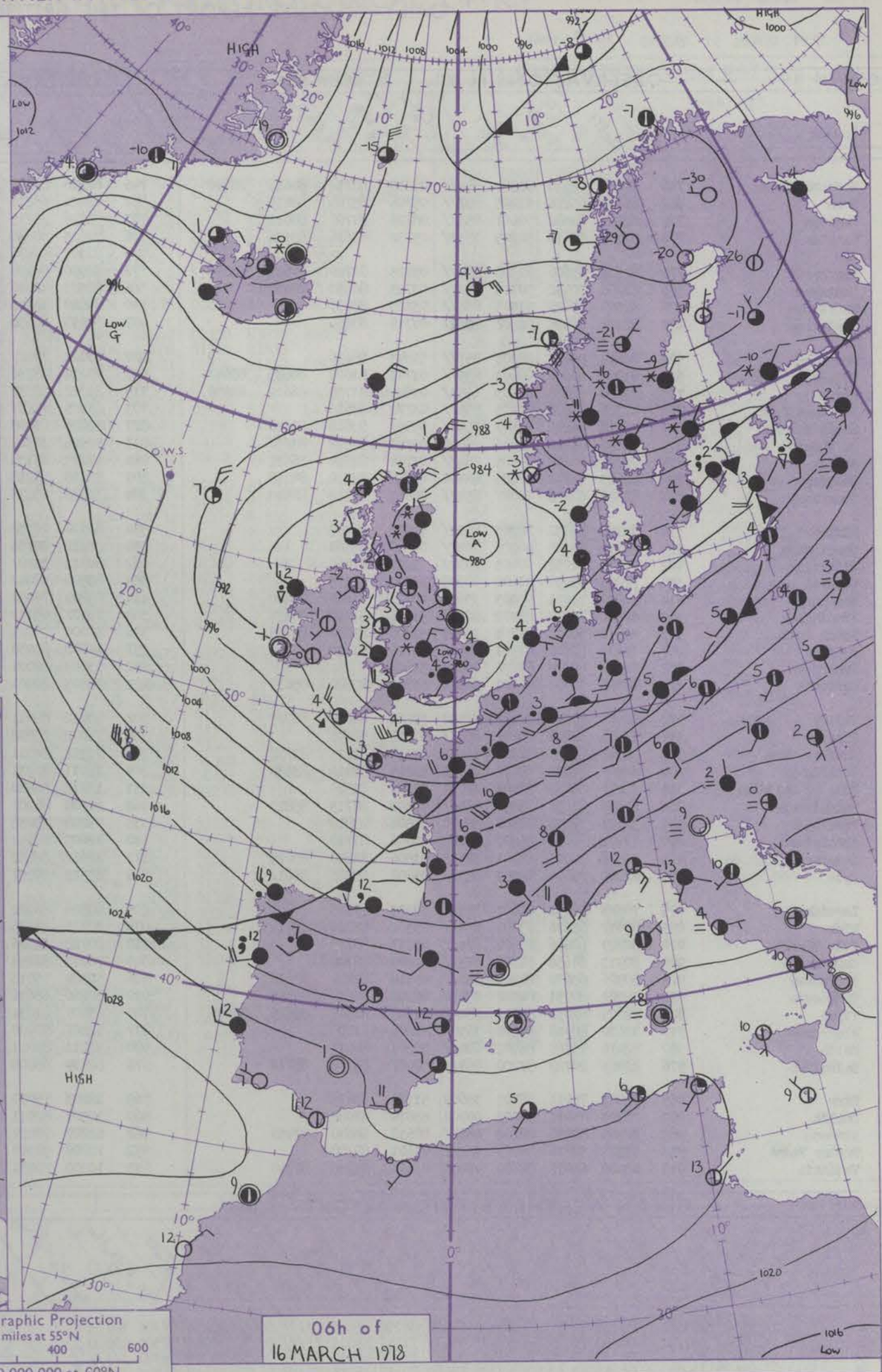
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 15181 | 73020 | 96878 | 21202 | 73400 | 00217 | ///// | ///// | 05952 | 10641 | 31013 | 30418 |
| L | 99567 | 70175 | 15184 | 60222 | 97258 | 83405 | 49463 | 00338 | 82912 | 84065 | 0//02 | 10932 | 30404 | 25008 |
| M | 99655 | 10011 | 15184 | 60730 | 97268 | 00850 | 69460 | 11703 | 86913 | ///// | 0//55 | 10649 | 30707 | ///// |
| R | 99471 | 70164 | 15184 | 62850 | 98258 | 08708 | 48530 | 00616 | 83820 | ///// | 0//06 | 11139 | 31118 | ///// |

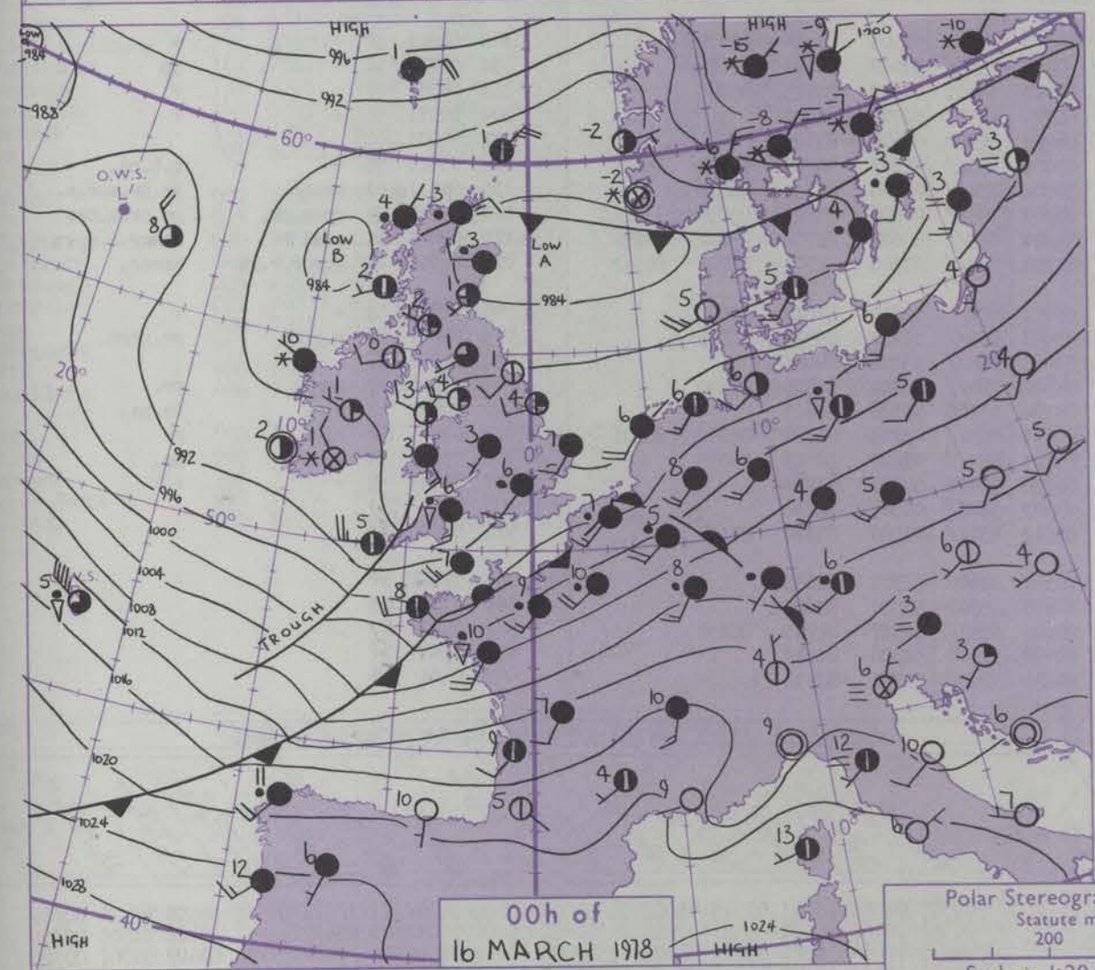
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday THURSDAY 16 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure has remained low from southeast Greenland to Denmark. A new low centre developed near Scillies and moved east across southern England. Pressure remained high near the Azores.

During the next 24 hours the depression over southeastern England is expected to continue moving east or northeast towards north Germany. A ridge of high pressure will develop to the west of Ireland giving a strong northerly airflow over the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V

## OBSERVATIONS at 00h. 16 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 80000 | 62616 | 91304 | 854// | 03835 | 82712 | 84616 | 88640 |
| Hurn | 862 | 81102 | 65218 | 91005 | 852// | 05746 | 85704 | 88615 | |
| Manston | 797 | 82211 | 62582 | 92907 | 853// | 06728 | 84707 | 88612 | |
| Gatwick | 776 | 82103 | 57616 | 92205 | 3552/ | 05732 | 83626 | 88556 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82108 | 65606 | 92306 | 854// | 05725 | 81710 | 84626 | 88656 |
| Honington | 586 | 81906 | 70032 | 90705 | 6572/ | 03723 | 86650 | 88458 | |
| Wattisham | 590 | 82109 | 75028 | 91505 | 858// | 03725 | 88657 | | |
| Gorleston | 497 | 82111 | 66026 | 91807 | 8672/ | 04719 | 88450 | | |
| Aberporth | 502 | 81613 | 80031 | 88103 | 857// | 51843 | 88656 | | |
| Filton | 628 | 81905 | 60606 | 90603 | 855// | 01743 | 81620 | 84635 | 88642 |
| Rhoose | 715 | 81109 | 62688 | 89603 | 6532/ | 01845 | 81708 | 86612 | 88550 |
| Hartland Point | 703 | 82325 | 75606 | 87105 | 854// | 03772 | 88616 | | |
| Mount Batten | 827 | 72519 | 65216 | 89507 | 754// | 05857 | 83616 | 87626 | |
| St.Mawgan | 817 | 52320 | 65016 | 88406 | 58400 | 03761 | 83817 | 83630 | |
| Scilly | 804 | 72724 | 70258 | 89505 | 784// | 03744 | 84814 | 86621 | |
| Culdrose | 809 | 62623 | 58278 | 89505 | 68400 | 05758 | 81710 | 84818 | |
| Guernsey | 894 | 82326 | 60216 | 94007 | 854// | 06851 | 83710 | 88640 | |
| Elmdon | 534 | 82106 | 75032 | 90303 | 8092/ | 51830 | 88459 | | |
| Cardington | 559 | 82110 | 58108 | 90905 | 8097/ | 04728 | 88364 | | |
| Wittering | 462 | 72710 | 82038 | 90603 | 7092/ | 01822 | 87460 | | |
| Watnall | 354 | 72205 | 65038 | 90602 | 00908 | 51714 | 87275 | | |
| Shawbury | 414 | 80000 | 75021 | 90003 | 1562/ | 00723 | 81640 | 88460 | |
| Firmingley | 360 | 62307 | 75038 | 89402 | 685// | 51806 | 81820 | 86657 | |
| Spurn Point | 396 | 32611 | 56011 | 89704 | 15601 | 51806 | 81630 | 83075 | |
| Leeming | 257 | 13602 | 82028 | 87501 | 15600 | 50716 | 81630 | | |
| Tynemouth | 262 | 02510 | 80028 | 87002 | 00900 | 51607 | | | |
| Carlisle | 222 | 62505 | 70038 | 86901 | 685// | 51806 | 82820 | 85635 | |
| Valley | 302 | 62808 | 81031 | 89103 | 22502 | 52722 | 82825 | 86075 | |
| Ringway | 334 | 61706 | 65028 | 89902 | 656// | 50715 | 86645 | | |
| Squires Gate | 318 | 32715 | 82039 | 88804 | 11501 | 01715 | 81825 | 83077 | |
| Ronaldsway | 204 | 62609 | 82038 | 88002 | 48402 | 52813 | 82816 | 83630 | |
| Mull of Galloway | 131 | 13210 | 84028 | 87401 | 18500 | 52608 | 81825 | | |
| Eskdalemuir | 162 | 61805 | 81038 | 86950 | 684// | 52802 | 84713 | 85819 | |
| Prestwick | 135 | 32807 | 70258 | 86302 | 38400 | 50504 | 83818 | | |
| Abbotsinch | 140 | 12902 | 70018 | 85800 | 18400 | 51606 | 81710 | | |
| Leuchars | 171 | 52307 | 70011 | 83701 | 38532 | 51806 | 81820 | 85075 | |
| Dyce | 091 | 82708 | 75616 | 82503 | 853// | 01808 | 83708 | 88612 | |
| Lerwick | 005 | 70523 | 80031 | 87601 | 755// | 55203 | 87625 | | |
| Wick | 075 | 80612 | 65616 | 83903 | 874// | 03302 | 85711 | 88715 | |
| Sule Skerry | 010 | 80729 | 60616 | 86404 | 874// | 00213 | 88715 | | |
| Cape Wrath | 049 | 80913 | 64636 | 84703 | 873// | 02205 | 88708 | | |
| Stornoway | 026 | 80306 | 68602 | 84904 | 853// | 03314 | 82709 | 88618 | |
| Benbecula | 022 | 72002 | 80031 | 84102 | 15432 | 00202 | 81618 | 86365 | |
| Tiree | 100 | 72605 | 82031 | 84702 | 784// | 01303 | 81818 | 83625 | 87645 |
| Aldergrove | 917 | 12610 | 80018 | 87200 | 16300 | 51806 | 81708 | | |
| Malin | 980 | 62416 | 75268 | 86102 | 694// | 50201 | 86917 | | |
| Belmullet | 976 | 82903 | 20729 | 87200 | 863// | 50007 | 86706 | 88710 | |
| Birr | 965 | 32803 | 70011 | 88401 | 35600 | 51718 | 83633 | | |
| Dublin | 969 | 72203 | 75031 | 88002 | 00902 | 53619 | 87068 | | |
| Shannon | 962 | 82505 | 80026 | 88702 | 4567/ | 00618 | 84640 | 87459 | |
| Roches Point | 952 | 93308 | 50716 | 88901 | 9//// | 01621 | 89/00 | | |
| Valentia | 953 | 40000 | 65017 | 89702 | 42400 | 01611 | 81712 | 84818 | |

## OBSERVATIONS at 06h. 16 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62216 | 80258 | 80803 | 36402 | 01636 | 83712 | 86072 | |
| Hurn | 862 | 62421 | 65216 | 82204 | 684// | 02630 | 83815 | 85635 | |
| Manston | 797 | 72126 | 75215 | 81905 | 6847/ | 04762 | 82710 | 85645 | 86459 |
| Gatwick | 776 | 72215 | 30886 | 82004 | 792// | 03642 | 82704 | 86908 | 87620 |
| Kew | 775 | 82107 | 58636 | 80604 | 854// | 03654 | 82712 | 88618 | |
| Heathrow | 772 | 82010 | 58626 | 80604 | 854// | 04656 | 81710 | 83712 | 88615 |
| Honington | 586 | 80509 | 42636 | 81104 | 6722/ | 03760 | 82705 | 86707 | 88520 |
| Wattisham | 590 | 80810 | 35656 | 81104 | 852// | 03863 | 83703 | 84707 | 87710 |
| Gorleston | 497 | 80618 | 66656 | 82904 | 855// | 02756 | 88625 | | |
| Aberporth | 502 | 83012 | 70027 | 86302 | 856// | 01306 | 85640 | 88656 | |
| Filton | 628 | 90214 | 08736 | 82600 | 9//// | 00514 | 89/// | | |
| Rhoose | 715 | 83212 | 18737 | 83900 | 871// | 50302 | 82702 | 88709 | |
| Hartland Point | 703 | 83625 | 64837 | 86102 | 844// | 01231 | 88610 | | |
| Mount Batten | 827 | 72826 | 63808 | 86604 | 794// | 02310 | 83710 | 84915 | |
| St.Mawgan | 817 | 72926 | 70808 | 86103 | 592/3 | 02000 | 82704 | 84912 | 86075 |
| Scilly | 804 | 43223 | 65138 | 90404 | 45500 | 51209 | 84621 | | |
| Culdrose | 809 | 53018 | 58218 | 89103 | 58400 | 01313 | 81710 | 85625 | |
| Guernsey | 894 | 32636 | 63278 | 90104 | 39300 | 51304 | 82708 | 82918 | |
| Elmdon | 534 | 80114 | 20732 | 83100 | 852// | 50630 | 86704 | 88630 | |
| Cardington | 559 | 80512 | 09736 | 80901 | 873// | 01653 | 86708 | 88712 | |
| Wittering | 462 | 80312 | 30707 | 82303 | 853// | 53744 | 85706 | 88613 | |
| Watnall | 354 | 83506 | 58042 | 83902 | 8097/ | 53627 | 88359 | | |
| Shawbury | 414 | 83409 | 70022 | 84201 | 3562/ | 52716 | 81630 | 83650 | 88458 |
| Firmingley | 360 | 73402 | 65012 | 84000 | 25802 | 51728 | 82657 | 87070 | |
| Spurn Point | 396 | 80000 | 70021 | 84003 | 856// | 52725 | 88630 | | |
| Leeming | 257 | 40000 | 80030 | 84352 | 15601 | 52718 | 81630 | 84075 | |
| Tynemouth | 262 | 13409 | 80021 | 83800 | 15600 | 52722 | 81630 | | |
| Carlisle | 222 | 32803 | 80021 | 84700 | 38401 | 51612 | 82818 | | |
| Valley | 302 | 33212 | 82011 | 86603 | 28401 | 51505 | 81816 | 83075 | |
| Ringway | 334 | 73402 | 75012 | 84401 | 756// | 51619 | 81640 | 87656 | |
| Squires Gate | 318 | 73312 | 84011 | 84903 | 18501 | 01619 | 81825 | 87075 | |
| Ronaldsway | 204 | 13011 | 82031 | 85902 | 12501 | 52707 | 81820 | | |
| Mull of Galloway | 131 | 13212 | 82010 | 86201 | 15500 | 00606 | 81625 | | |
| Eskdalemuir | 162 | 62508 | 80207 | 85051 | 653// | 52707 | 81709 | 83624 | 85635 |
| Prestwick | 135 | 73208 | 75038 | 84802 | 784// | 00604 | 81711 | 86819 | |
| Abbotsinch | 140 | 72405 | 65151 | 84501 | 785// | 00506 | 83820 | 85630 | |
| Leuchars | 171 | 82612 | 62682 | 82201 | 883// | 50607 | 82708 | 83816 | 88656 |
| Dyce | 091 | 83513 | 50687 | 81901 | 852// | 01305 | 82703 | 86705 | 88612 |
| Lerwick | 005 | 60326 | 80022 | 89001 | 654// | 52310 | 83618 | 85627 | |
| Wick | 075 | 70421 | 81036 | 85603 | 785// | 51212 | 83820 | 86635 | |
| Sule Skerry | 010 | 80728 | 74026 | 89003 | 855// | 55216 | 88625 | | |
| Cape Wrath | 049 | 70918 | 80258 | 85802 | 784// | 52204 | 85815 | 87620 | |
| Stornoway | 026 | 50424 | 75016 | 88304 | 55500 | 53326 | 85627 | | |
| Benbecula | 022 | 80216 | 68636 | 86603 | 853// | 03214 | 81708 | 85712 | 88616 |
| Tiree | 100 | 63409 | 81031 | 85403 | 684// | 01203 | 81817 | 86656 | |
| Aldergrove | 917 | 12207 | 80020 | 86852 | 16400 | 54301 | 81712 | | |
| Malin | 980 | 52711 | 82011 | 85903 | 584// | 01303 | 84818 | | |
| Belmullet | 976 | 82814 | 68809 | 87202 | 834// | 01500 | 85920 | 87638 | |
| Birr | 965 | 12203 | 75030 | 88551 | 15600 | 52308 | 81633 | | |
| Dublin | 969 | 12507 | 82011 | 87651 | 15702 | 52301 | 81650 | | |
| Shannon | 962 | 62707 | 70227 | 90200 | 654// | 50317 | 82710 | 86630 | |
| Roches Point | 952 | 12909 | 58107 | 90050 | 16400 | 51308 | 81710 | | |
| Valentia | 953 | 10000 | 70031 | 92151 | 12400 | 52337 | 81818 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 04006 | 00 | r.rr.r. | prpr.ss.s. |
| Hurn | 862 | 06011 | 01 | r.rR | rr.rpr.ps.s. |
| Manston | 797 | 02031 | 01 | r.r.d.r.d.r. | r.rpr.pr |
| Gatwick | 776 | 08012 | 00 | Rrr.d.r. | pHRr.s.-s.rs |
| Kew | 775 | 10015 | 00 | r.r | RRrhrfs. |
| Heathrow | 772 | 09011 | 01 | r.r.ir. | r.rRrrpr.s. |
| Honington | 586 | 20007 | 00 | r.r | r.rRSs.sff |
| Wattisham | 590 | 10005 | 50 | r.r | d.rRr.s.s |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 02505 | 51 | is.s.s. | s.s. |
| Filton | 628 | 09007 | 00 | r.rrr.rs | rs-shsfs.ss. |
| Rhoose | 715 | 08517 | 51 | r.-r.s.h.s.s | s.s.sss.s. |
| Hartland Point | 703 | 01012 | 01 | | |
| Mount Batten | 827 | 03021 | 00 | r.pr.phr | phrprpr.s. |
| St.Mawgan | 817 | 07002 | 00 | r.r.pr | phrpr.ps |
| Scilly | 804 | 04032 | 00 | prrr | prprs |
| Culdrose | 809 | 05021 | 00 | ir.pr.ph. | pr. |
| Guernsey | 894 | 03031 | 02 | r.r.ir | pr.ph.r. |
| Elmdon | 534 | 02006 | 00 | s. | s.s.ssSfss.s. |
| Cardington | 559 | 10507 | 50 | r. | Rrrr.s.ssff |
| Wittering | 462 | 01517 | 51 | + | s.ssfs. |
| Watnall | 354 | 00011 | 52 | + | + |
| Shawbury | 414 | 97011 | 51 | + | pr. |
| Firmingley | 360 | 97501 | 52 | pr. | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 01531 | 57 | ps. | + |
| Tynemouth | 262 | 00001 | 53 | + | + |
| Carlisle | 222 | 91505 | 56 | ps. | + |
| Valley | 302 | 00021 | 52 | + | + |
| Ringway | 334 | 00011 | 52 | + | jp |
| Squires Gate | 318 | 00031 | 00 | + | + |
| Ronaldsway | 204 | 00011 | 57 | + | + |
| Mull of Galloway | 131 | 91001 | | | |
| Eskdalemuir | 162 | 91525 | 55 | + | s.h.ps. |
| Prestwick | 135 | 04011 | 51 | pr.ph. | pr.pr.s.r.s. |
| Abbotsinch | 140 | 02515 | 54 | pr.s.pr. | pr.pr.s.prs |
| Leuchars | 171 | 02005 | 51 | + | r.s.s.rs r.r. |
| Dyce | 091 | 07016 | 00 | d.r.r.r.rs | ssrsr. |
| Lerwick | 005 | 97003 | 51 | + | + |
| Wick | 075 | 04011 | 00 | r.r.rr | pr.prph. |
| Sule Skerry | 010 | 01022 | 02 | | |
| Cape Wrath | 049 | 03021 | 01 | rrpr. | pr. |
| Stornoway | 026 | 02021 | 02 | r.r. | ir.ps. |
| Benbecula | 022 | 95011 | 52 | + | rr |
| Tiree | 100 | 97011 | 54 | + | pr. |
| Aldergrove | 917 | 00533 | 58 | + | + |
| Malin | 980 | 0401 | 51 | | |
| Belmullet | 976 | 0400 | 51 | | |
| Birr | 965 | 9752 | 54 | | |
| Dublin | 969 | 9752 | 54 | | |
| Shannon | 962 | 9751 | 57 | | |
| Roches Point | 952 | 0551 | 51 | | |
| Valentia | 953 | 0451 | 54 | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 16001 | 52913 | 98017 | 24403 | 55600 | 00210 | 85635 | ///// | 05653 | 10611 | 3//06 | 30/16 |
| L | 99567 | 70173 | 16004 | 63320 | 97258 | 92507 | 694// | 21141 | 86912 | ///// | 0//50 | 10967 | 30504 | 02010 |
| M | 99656 | 10013 | 16004 | 80628 | 96858 | 02351 | 894// | 11106 | 86912 | ///// | 0//54 | 10510 | 30707 | ///// |
| R | 99472 | 70168 | 16004 | 63043 | 95818 | 12704 | 69460 | 00117 | 85915 | ///// | 0//03 | 11149 | 31220 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 16061 | 62510 | 98022 | 24303 | 45550 | 00804 | ///// | ///// | 05552 | 10658 | 3//04 | 30/14 |
| L | 99568 | 70168 | 16064 | 33621 | 97038 | 96307 | 38400 | 21221 | 81812 | 83630 | 0//51 | 10941 | 30505 | 02008 |
| M | 99658 | 10019 | 16064 | 50725 | 98022 | 02550 | 59400 | 11302 | 84915 | ///// | 0//54 | 10649 | 30707 | 00/00 |
| R | 99472 | 70170 | 16064 | 42934 | 98038 | 14608 | 43400 | 61214 | 81915 | 83820 | 0//04 | 11137 | 31222 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42484

Date of Issue FRIDAY 17 MARCH 1978


## OBSERVATIONS at 12h. 16 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 73013 | 80027 | 89904 | 6243/ | 00238 | 83716 | 85822 | 86358 |
| Hurn | 862 | 52914 | 75018 | 90306 | 21431 | 00135 | 81710 | 83070 | |
| Manston | 797 | 83222 | 46708 | 85902 | 853// | 01351 | 85708 | 88612 | |
| Gatwick | 776 | 83013 | 60718 | 88603 | 3142/ | 01273 | 83815 | 88460 | |
| Kew | 775 | 82709 | 65237 | 88003 | 853// | 01161 | 81708 | 84712 | 88650 |
| Heathrow | 772 | 82611 | 62228 | 88103 | 854// | 02162 | 83712 | 83620 | 88645 |
| Honington | 586 | 82712 | 50227 | 84501 | 852// | 51248 | 82704 | 88620 | |
| Wattisham | 590 | 83014 | 25717 | 84400 | 872// | 50256 | 85703 | 88706 | |
| Gorleston | 497 | 83222 | 48737 | 81601 | 870// | 01249 | 88701 | | |
| Aberporth | 502 | 72814 | 84021 | 91104 | 62502 | 00225 | 86820 | 83075 | |
| Filton | 628 | 53012 | 65017 | 90605 | 22532 | 01233 | 82825 | 83070 | |
| Rhoose | 715 | 72913 | 80037 | 90705 | 18476 | 52129 | 81815 | 86272 | |
| Hartland Point | 703 | 63510 | 70278 | 92803 | 68400 | 01229 | 83812 | 85625 | |
| Mount Batten | 827 | 73215 | 50898 | 93204 | 6946/ | 01231 | 86910 | | |
| St.Mawgan | 817 | 63016 | 86158 | 93505 | 59403 | 50226 | 81910 | 85816 | |
| Scilly | 804 | 53119 | 82028 | 95607 | 22406 | 51241 | 82818 | 85275 | |
| Culdrose | 809 | 63218 | 80022 | 94206 | 52401 | 02134 | 85815 | | |
| Guernsey | 894 | 73312 | 82021 | 93205 | 31408 | 51219 | 83818 | 87272 | |
| Elmdon | 534 | 73216 | 70027 | 87705 | 42502 | 52229 | 84825 | 85072 | |
| Cardington | 559 | 82713 | 59057 | 86602 | 35717 | 01233 | 83650 | 84460 | 88275 |
| Wittering | 462 | 83114 | 75017 | 85904 | 31507 | 52333 | 83822 | 88270 | |
| Watnall | 354 | 63013 | 75032 | 86405 | 52502 | 52124 | 85825 | 84075 | |
| Shawbury | 414 | 42914 | 83018 | 88207 | 32502 | 51221 | 83828 | 83072 | |
| Finningley | 360 | 63012 | 80032 | 85206 | 42502 | 51117 | 84824 | 83070 | |
| Spurn Point | 396 | 63017 | 75012 | 84204 | 5857/ | 51317 | 83825 | 85630 | |
| Leeming | 257 | 72912 | 86031 | 84305 | 785// | 01305 | 85828 | 85650 | |
| Tynemouth | 262 | 83220 | 69801 | 82804 | 836// | 00602 | 85930 | 88635 | |
| Carlisle | 222 | 82909 | 61611 | 85403 | 5532/ | 02109 | 82708 | 83712 | 88460 |
| Valley | 302 | 52916 | 80031 | 89805 | 51400 | 00218 | 85813 | | |
| Ringway | 334 | 43016 | 75011 | 86705 | 42501 | 53214 | 84825 | | |
| Squires Gate | 318 | 53016 | 80031 | 87205 | 52502 | 03215 | 85822 | | |
| Ronaldsway | 204 | 83114 | 82251 | 88004 | 624/7 | 01211 | 81710 | 86815 | 88270 |
| Mull of Galloway | 131 | 83620 | 80606 | 88003 | 885// | 02217 | 83820 | 88625 | |
| Eskdalemuir | 162 | 73415 | 75878 | 85503 | 784// | 51317 | 82710 | 85818 | |
| Prestwick | 135 | 73414 | 80028 | 87305 | 5833/ | 02220 | 81709 | 84820 | |
| Abbotsinch | 140 | 53514 | 80258 | 87305 | 38521 | 50223 | 83822 | 84072 | |
| Leuchars | 171 | 73619 | 80017 | 85005 | 685/2 | 53219 | 86622 | | |
| Dyce | 091 | 80123 | 58837 | 86303 | 824// | 00328 | 82710 | 88814 | |
| Lerwick | 005 | 70325 | 80028 | 93301 | 754// | 53225 | 82711 | 85625 | |
| Wick | 075 | 70326 | 81268 | 91603 | 784// | 52238 | 84818 | 85635 | |
| Sule Skerry | 010 | 80528 | 60878 | 94403 | 885// | 53234 | 84820 | 88625 | |
| Cape Wrath | 049 | 70522 | 74898 | 93402 | 734// | 51236 | 84915 | 87620 | |
| Stornoway | 026 | 70530 | 68278 | 94304 | 784// | 54133 | 84818 | 87630 | |
| Benbecula | 022 | 70223 | 82036 | 93305 | 785// | 00231 | 81820 | 87630 | |
| Tiree | 100 | 70317 | 85038 | 90605 | 785// | 01234 | 83820 | 86630 | |
| Aldergrove | 917 | 73309 | 65601 | 89103 | 753// | 01218 | 82708 | 85714 | 87620 |
| Malin | 980 | 70425 | 80808 | 89806 | 534/2 | 03223 | 85918 | 83070 | |
| Belmullet | 976 | 73007 | 74808 | 91807 | 734// | 04321 | 82716 | 84920 | 85638 |
| Birr | 965 | 73206 | 81017 | 91404 | 764// | 02315 | 86710 | 87630 | |
| Dublin | 969 | 72914 | 80021 | 89904 | 764/1 | 50214 | 87716 | | |
| Shannon | 962 | 73415 | 80037 | 92506 | 58402 | 02323 | 81710 | 84820 | 85070 |
| Roches Point | 952 | 72814 | 70268 | 91803 | 734/2 | 02505 | 83715 | 81917 | 85637 |
| Valentia | 953 | 83223 | 62838 | 95807 | 835// | 04324 | 88923 | | |

## OBSERVATIONS at 18h. 16 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 52710 | 82022 | 92803 | 11522 | 53212 | 81825 | 85070 | |
| Hurn | 862 | 62210 | 80031 | 93305 | 21512 | 50110 | 82825 | 83460 | 85075 |
| Manston | 797 | 72507 | 75027 | 91805 | 12518 | 50218 | 81825 | 87272 | |
| Gatwick | 776 | 42609 | 82037 | 92005 | 12602 | 51212 | 81835 | 83072 | |
| Kew | 775 | 32710 | 82011 | 91506 | 14601 | 53212 | 81830 | 83075 | |
| Heathrow | 772 | 42509 | 80021 | 91505 | 28611 | 50214 | 82830 | 83075 | |
| Honington | 586 | 62311 | 65012 | 89503 | 24502 | 51320 | 82628 | 85070 | |
| Wattisham | 590 | 72415 | 82027 | 90203 | 15502 | 51217 | 81620 | 87075 | |
| Gorleston | 497 | 52210 | 66017 | 89304 | 3557/ | 01225 | 83620 | 85360 | |
| Aberporth | 502 | 72912 | 82031 | 93603 | 48542 | 02320 | 83820 | 86075 | |
| Filton | 628 | 22710 | 75011 | 92904 | 12608 | 51214 | 81830 | | |
| Rhoose | 715 | 32412 | 82011 | 93004 | 13431 | 01314 | 81710 | 81920 | |
| Hartland Point | 703 | 60000 | 84167 | 93403 | 624// | 02319 | 86815 | | |
| Mount Batten | 827 | 70307 | 64608 | 93803 | 6537/ | 01303 | 83707 | 85630 | 86462 |
| St.Mawgan | 817 | 73411 | 40288 | 95302 | 752// | 02323 | 82703 | 84707 | 86625 |
| Scilly | 804 | 73324 | 60038 | 96306 | 49472 | 02330 | 84914 | 87075 | |
| Culdrose | 809 | 73420 | 62258 | 94804 | 752// | 03314 | 82704 | 85708 | 87620 |
| Guernsey | 894 | 72416 | 75808 | 95105 | 62333 | 52804 | 82708 | 85815 | 86360 |
| Elmdon | 534 | 72814 | 70022 | 90804 | 28606 | 54220 | 81835 | 87275 | |
| Cardington | 559 | 42518 | 70011 | 90105 | 28502 | 51215 | 81820 | 84075 | |
| Wittering | 462 | 62812 | 80031 | 89104 | 28602 | 51214 | 81835 | 86075 | |
| Watnall | 354 | 82612 | 57231 | 89603 | 5732/ | 01219 | 85707 | 88520 | |
| Shawbury | 414 | 83113 | 57621 | 91403 | 6722/ | 01323 | 81703 | 83705 | 85707 |
| Finningley | 360 | 82815 | 59618 | 87803 | 884// | 01320 | 82710 | 86814 | 88620 |
| Spurn Point | 396 | 82723 | 70626 | 86803 | 895// | 02217 | 88920 | | |
| Leeming | 257 | 83315 | 66217 | 86904 | 854// | 03319 | 82712 | 85616 | 88625 |
| Tynemouth | 262 | 60220 | 69028 | 88604 | 3257/ | 01258 | 83825 | 86359 | |
| Carlisle | 222 | 70318 | 75808 | 91003 | 784// | 01343 | 81711 | 84618 | 87640 |
| Valley | 302 | 73311 | 75808 | 92905 | 48472 | 03320 | 82815 | 83358 | |
| Ringway | 334 | 82809 | 58258 | 89703 | 7432/ | 01220 | 82708 | 86618 | |
| Squires Gate | 318 | 73112 | 65038 | 89905 | 59462 | 03215 | 81917 | 83822 | 86072 |
| Ronaldsway | 204 | 73620 | 65277 | 92503 | 795// | 01326 | 83820 | 85924 | |
| Mull of Galloway | 131 | 70428 | 70808 | 94904 | 794// | 01333 | 86915 | | |
| Eskdalemuir | 162 | 70123 | 60228 | 92101 | 793// | 51352 | 83708 | 83915 | |
| Prestwick | 135 | 70318 | 70158 | 93905 | 6946/ | 53347 | 81714 | 81918 | 85636 |
| Abbotsinch | 140 | 40212 | 84018 | 94804 | 48500 | 54348 | 83820 | | |
| Leuchars | 171 | 40115 | 80018 | 93803 | 38402 | 56252 | 81818 | 83657 | |
| Dyce | 091 | 43612 | 70268 | 94602 | 38430 | 52237 | 81710 | | |
| Lerwick | 005 | 70227 | 70278 | 98101 | 734// | 53227 | 81912 | 84818 | 86625 |
| Wick | 075 | 70221 | 70268 | 98102 | 784// | 52236 | 84816 | 87632 | |
| Sule Skerry | 010 | 80227 | 74878 | 00304 | 885// | 52232 | 86820 | 88625 | |
| Cape Wrath | 049 | 80525 | 74278 | 99603 | 884// | 52226 | 86815 | 88620 | |
| Stornoway | 026 | 70220 | 75028 | 01204 | 784// | 51338 | 84818 | 86632 | |
| Benbecula | 022 | 70216 | 80028 | 00404 | 785// | 01338 | 82820 | 87630 | |
| Tiree | 100 | 10124 | 85011 | 97805 | 18500 | 00242 | 81822 | | |
| Aldergrove | 917 | 53609 | 80018 | 94604 | 58400 | 51334 | 81814 | 83818 | |
| Malin | 980 | 20224 | 83018 | 97205 | 28500 | 52342 | 81822 | | |
| Belmullet | 976 | 70117 | 81028 | 99206 | 734// | 52240 | 81717 | 83920 | 87638 |
| Birr | 965 | 73210 | 82258 | 95806 | 784// | 03329 | 85818 | 85633 | |
| Dublin | 969 | 62606 | 62237 | 94601 | 684// | 01230 | 83712 | 83822 | 85635 |
| Shannon | 962 | 60110 | 80808 | 96706 | 3343/ | 04223 | 83918 | 83360 | |
| Roches Point | 952 | 72810 | 70258 | 96106 | 684/2 | 04221 | 82712 | 86634 | 87072 |
| Valentia | 953 | 83119 | 68807 | 98407 | 835// | 05211 | 88921 | | |

## OBSERVATIONS during DAY

| Station | iii | RRT×TE | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01071 | 052 | ss. | jp |
| Hurn | 862 | 92091 | 051 | s. | + |
| Manston | 797 | 96071 | 012 | r.s.ps.-s.s. | + |
| Gatwick | 776 | 96071 | 041 | pr.ph.s.s. | + |
| Kew | 775 | 94071 | 021 | r.s.s.s.r. | + |
| Heathrow | 772 | 92081 | 019 | s.-s.s. | + |
| Honington | 586 | 06037 | 017 | sss.s.ff | + |
| Wattisham | 590 | 04035 | 003 | fsss.s. | + |
| Gorleston | 497 | | 010 | | |
| Aberporth | 502 | 00051 | 063 | + | + |
| Filton | 628 | 00071 | 055 | + | + |
| Rhoose | 715 | 00061 | 049 | jp | jp |
| Hartland Point | 703 | 05052 | 030 | | |
| Mount Batten | 827 | 04071 | 049 | pr.ph | r-rsr. |
| St.Mawgan | 817 | 08066 | 049 | pr.phrpr.s. | pr.s.Sf |
| Scilly | 804 | 03082 | 045 | prs | pr.rrphrprs |
| Culdrose | 809 | 02071 | 038 | pr. | pr. |
| Guernsey | 894 | 06075 | 036 | pr.ph. | pspSs. |
| Elmdon | 534 | 97081 | 048 | + | r.s.r.s. |
| Cardington | 559 | 96065 | 025 | ssffs.s. | + |
| Wittering | 462 | 93071 | 032 | + | r.r. |
| Watnall | 354 | 92071 | 045 | + | r.s.h.rs |
| Shawbury | 414 | 95081 | 054 | + | r.rr.s.pr. |
| Finningley | 360 | 01071 | 029 | pr. | pr.s.r.r.rr. |
| Spurn Point | 396 | | | + | pr.r.r.-s. |
| Leeming | 257 | 02061 | 043 | pr.r.s.r.s. | r.s.r.prs |
| Tynemouth | 262 | 02051 | 046 | pr.rsrs | srsprs |
| Carlisle | 222 | 91051 | 014 | ir.r.r.pr. | r.pr. |
| Valley | 302 | 01071 | 060 | pr. | ir.pr.s.pr. |
| Ringway | 334 | 95061 | 037 | pr. | ph.r.-pr. |
| Squires Gate | 318 | 93061 | 044 | r.pr.pr | r.pr. |
| Ronaldsway | 204 | 01071 | 055 | rspr. | pr.h.pr. |
| Mull of Galloway | 131 | 01061 | | | |
| Eskdalemuir | 162 | 01046 | 009 | ps.s.ph. | psSfps. |
| Prestwick | 135 | 01071 | 029 | r.s.d.r.pr. | + |
| Abbotsinch | 140 | 93071 | 021 | pr.s.r.pr.ph. | pr. |
| Leuchars | 171 | 91051 | 008 | pr.s. | pr.s. |
| Dyce | 091 | 94041 | 009 | pr.s.ps. | ps.ph. |
| Lerwick | 005 | 97021 | 000 | ps.pr. | ph. |
| Wick | 075 | 92051 | 015 | pr.pr.s. | ps. |
| Sule Skerry | 010 | 97041 | | | |
| Cape Wrath | 049 | 91032 | 000 | ph. | ph.r.pr.s. |
| Stornoway | 026 | 91051 | 000 | ph.pr. | ph.pr.ph. |
| Benbecula | 022 | 97061 | 021 | pr. | pr. |
| Tiree | 100 | 00071 | 064 | jp | + |
| Aldergrove | 917 | 97071 | 019 | ir.pr. | pr. |
| Malin | 980 | 9707 | 028 | | |
| Belmullet | 976 | 9509 | 031 | | |
| Birr | 965 | 9307 | 022 | | |
| Dublin | 969 | 0606 | 031 | | |
| Shannon | 962 | 0608 | 032 | | |
| Roches Point | 952 | 0407 | 019 | | |
| Valentia | 953 | 0608 | 001 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

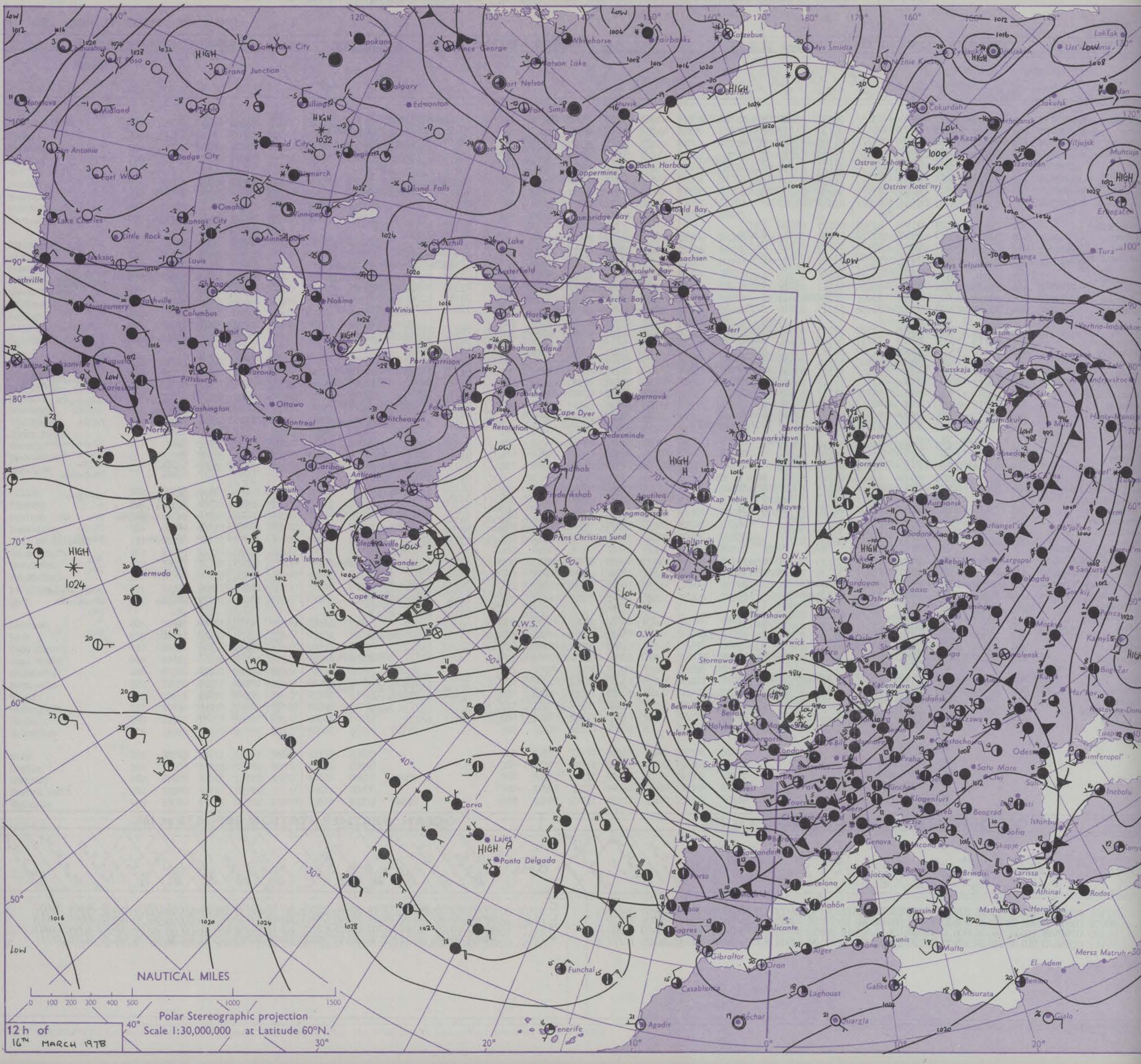
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 16121 | 81712 | 97606 | 18007 | 855// | 00740 | ///// | ///// | 00104 | 10693 | 30605 | 30210 |
| L | 99565 | 70171 | 16124 | 63320 | 98022 | 00406 | 5843/ | 72222 | 82815 | 84625 | 0//50 | 10919 | 30806 | 24910 |
| M | 99659 | 10021 | 16124 | 60410 | 98268 | 03651 | 49462 | 00105 | 83915 | 86070 | 0//56 | 10622 | 30403 | 09803 |
| R | 99473 | 70170 | 16124 | 52933 | 97278 | 17408 | 59460 | 61104 | 82911 | 83820 | 0//04 | 11133 | 31220 | ///// |

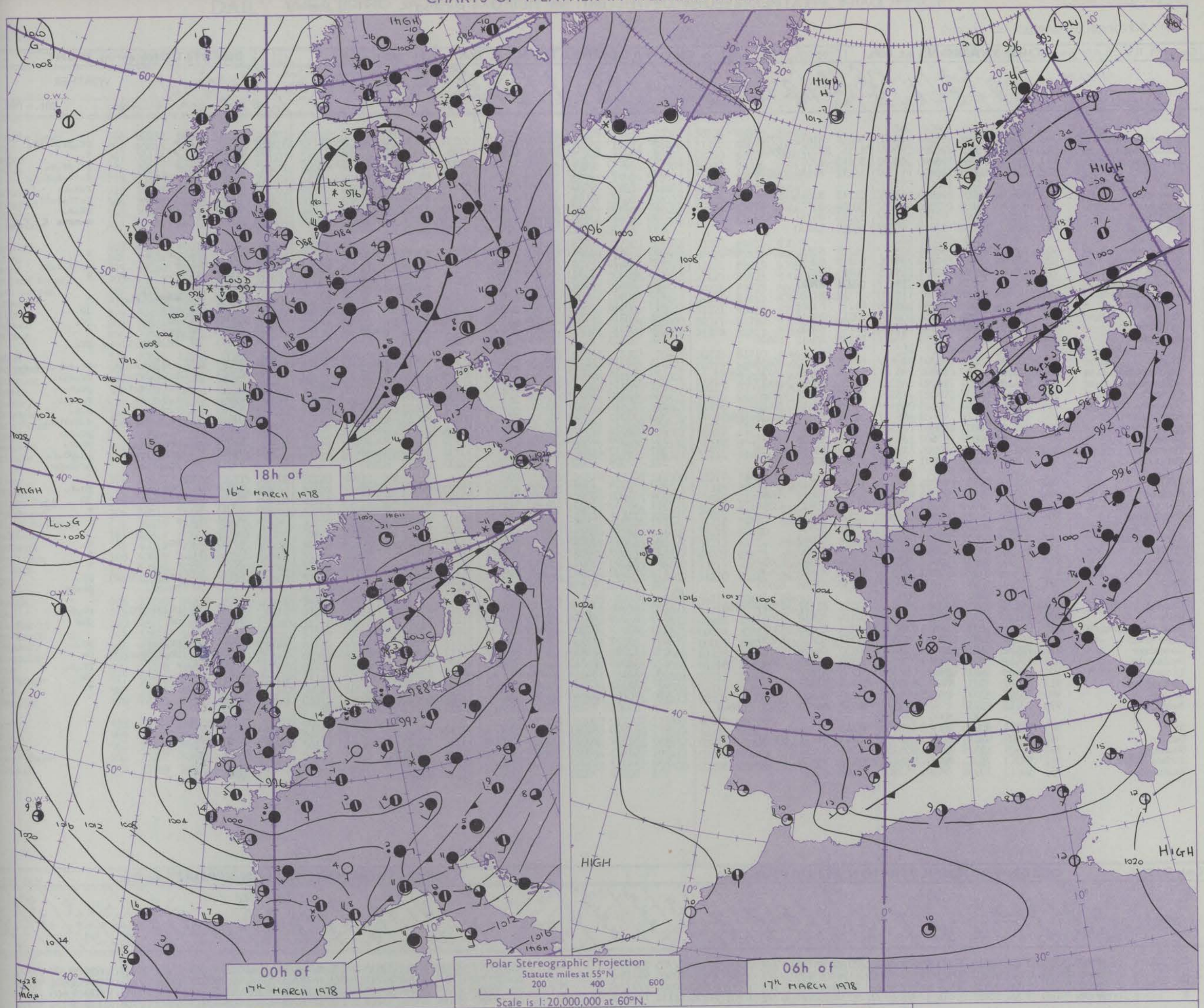
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_vs_app$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 16181 | 92014 | 93456 | 10208 | 9//// | 00731 | 89/08 | ///// | 00508 | 10625 | 30606 | 35407 |
| L | 99567 | 70180 | 16184 | 10111 | 98018 | 09907 | 11400 | 61252 | 81818 | ///// | 0//51 | 10937 | 30502 | 99/11 |
| M | 99660 | 10020 | 16184 | 42707 | 98011 | 02100 | 42431 | 00708 | 84816 | ///// | 0//57 | 10630 | 30201 | 11803 |
| R | 99469 | 70169 | 16184 | 53134 | 97158 | 16808 | 59400 | 00803 | 81910 | 84820 | 0//06 | 11136 | 31216 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday FRIDAY 17 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

At the beginning of the period a depression covered the British Isles with separate centres over Scotland and southern England. The depression transferred to Denmark during the period and a cold northerly airflow covered the British Isles.

During the next 24 hours the depression is expected to continue to move eastwards and a ridge over the eastern Atlantic will move east to be aligned from northwest Spain to northwest Scotland by midnight. The northerly flow over the country will slacken especially in the west.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

## Code FM 11.V — OBSERVATIONS at 00h. 17 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72908 | 75031 | 96201 | 15636 | 50214 | 81632 | 87270 | |
| Hurn | 862 | 82703 | 75031 | 96701 | 8097/ | 01216 | 82359 | 88462 | |
| Manston | 797 | 22311 | 75031 | 95000 | 00901 | 52113 | 82075 | | |
| Gatwick | 776 | 82405 | 68031 | 95400 | 15707 | 51212 | 81650 | 88270 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82608 | 60031 | 94903 | 1567/ | 01213 | 81648 | 88468 | |
| Honington | 586 | 82106 | 48686 | 93000 | 852// | 00214 | 83703 | 85707 | 88616 |
| Wattisham | 590 | 82210 | 65031 | 93501 | 854// | 51113 | 86711 | 88650 | |
| Gorleston | 497 | 82402 | 66031 | 93803 | 8092/ | 50219 | 88460 | | |
| Aberporth | 502 | 73622 | 82038 | 98704 | 785// | 01227 | 82820 | 83628 | 86650 |
| Filton | 628 | 43007 | 65011 | 97103 | 35701 | 00218 | 83650 | | |
| Rhoose | 715 | 22909 | 68011 | 97101 | 15701 | 00108 | 81650 | | |
| Hartland Point | 703 | 73614 | 74258 | 98705 | 755// | 02021 | 87621 | | |
| Mount Batten | 827 | 12702 | 40286 | 98701 | 16330 | 01212 | 81708 | | |
| St.Mawgan | 817 | 43309 | 80018 | 99004 | 48400 | 01211 | 83815 | | |
| Scilly | 804 | 33513 | 70018 | 00706 | 32400 | 03217 | 83816 | | |
| Culdrose | 809 | 23207 | 80018 | 99702 | 22500 | 01215 | 82825 | | |
| Guernsey | 894 | 73210 | 81038 | 98703 | 784// | 01239 | 85812 | 84640 | |
| Elmdon | 534 | 73410 | 65027 | 95703 | 756// | 00326 | 84630 | 86656 | |
| Cardington | 559 | 82810 | 62287 | 93902 | 853// | 01214 | 83709 | 86714 | 88623 |
| Wittering | 462 | 83413 | 61237 | 93703 | 853// | 01324 | 86709 | 88612 | |
| Watnall | 354 | 73411 | 65607 | 95802 | 753// | 01240 | 83708 | 87610 | |
| Shawbury | 414 | 83414 | 66608 | 97603 | 6541/ | 01239 | 86618 | 88462 | |
| Finningley | 360 | 83414 | 70808 | 95402 | 883// | 01241 | 83707 | 84810 | 88635 |
| Spurn Point | 396 | 20112 | 70027 | 93604 | 21500 | 00236 | 82825 | | |
| Leeming | 257 | 83618 | 58838 | 97502 | 883// | 01245 | 86808 | 88615 | |
| Tynemouth | 262 | 80132 | 80028 | 98104 | 1157/ | 52249 | 81825 | 88459 | |
| Carlisle | 222 | 50110 | 70268 | 00601 | 58501 | 51144 | 82820 | 83630 | |
| Valley | 302 | 60118 | 80018 | 00804 | 684// | 51241 | 82816 | 85622 | |
| Ringway | 334 | 83612 | 75032 | 97503 | 3841/ | 51243 | 83818 | 88465 | |
| Squires Gate | 318 | 40116 | 82038 | 99103 | 38530 | 01245 | 82825 | 83360 | |
| Ronaldsway | 204 | 10213 | 80028 | 02201 | 18600 | 53249 | 81830 | | |
| Mull of Galloway | 131 | 70328 | 84038 | 02303 | 756// | 52242 | 87630 | | |
| Eskdalemuir | 162 | 23615 | 80028 | 01150 | 25600 | 52134 | 82640 | | |
| Prestwick | 135 | 60210 | 80011 | 03002 | 657// | 54238 | 86650 | | |
| Abbotsinch | 140 | 60214 | 80031 | 02902 | 68500 | 55135 | 82825 | 85650 | |
| Leuchars | 171 | 73510 | 82028 | 02102 | 785// | 54234 | 81820 | 87630 | |
| Dyce | 091 | 83514 | 80278 | 01702 | 884// | 53230 | 81818 | 88635 | |
| Lerwick | 005 | 70122 | 80278 | 03401 | 734// | 53222 | 81912 | 83815 | 87645 |
| Wick | 075 | 70120 | 80268 | 04402 | 784// | 54224 | 82818 | 87642 | |
| Sule Skerry | 010 | 80224 | 70028 | 06403 | 885// | 54228 | 83820 | 88625 | |
| Cape Wrath | 049 | 80920 | 84878 | 06003 | 834// | 51227 | 83815 | 88620 | |
| Stornoway | 026 | 70114 | 64878 | 07703 | 784// | 50230 | 84816 | 87632 | |
| Benbecula | 022 | 73612 | 82012 | 07403 | 785// | 51229 | 81829 | 83630 | 87643 |
| Tiree | 100 | 33620 | 84021 | 05604 | 38500 | 01233 | 81820 | | |
| Aldergrove | 917 | 13407 | 82021 | 04351 | 15600 | 53241 | 81645 | | |
| Malin | 980 | 70323 | 82031 | 05605 | 785// | 54233 | 84820 | 87640 | |
| Belmullet | 976 | 70112 | 80258 | 07606 | 735// | 50237 | 84820 | 81920 | 86640 |
| Birr | 965 | 03511 | 80018 | 05302 | 00900 | 51243 | | | |
| Dublin | 969 | 33209 | 80018 | 03502 | 38500 | 50245 | 81822 | 83630 | |
| Shannon | 962 | 23509 | 82018 | 06003 | 25700 | 51243 | 82656 | | |
| Roches Point | 952 | 53317 | 75012 | 04004 | 556// | 51244 | 85634 | | |
| Valentia | 953 | 50113 | 70028 | 06606 | 52500 | 52140 | 85821 | | |

## OBSERVATIONS at 06h. 17 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 83414 | 75802 | 01803 | 884// | 50233 | 85714 | 86820 | 88629 |
| Hurn | 862 | 83307 | 60031 | 02003 | 6542/ | 01335 | 81718 | 86635 | 88458 |
| Manston | 797 | 73005 | 66011 | 99002 | 752// | 01228 | 81705 | 84708 | 87613 |
| Gatwick | 776 | 83408 | 57617 | 99603 | 854// | 01329 | 86711 | 88615 | |
| Kew | 775 | 73408 | 68027 | 00303 | 754// | 01339 | 83712 | 87630 | |
| Heathrow | 772 | 73309 | 60017 | 00103 | 784// | 01233 | 81812 | 87640 | |
| Honington | 586 | 43408 | 48107 | 00201 | 48400 | 00240 | 82818 | 83635 | |
| Wattisham | 590 | 83408 | 35607 | 99701 | 853// | 00339 | 82708 | 88625 | |
| Gorleston | 497 | 80226 | 66022 | 99804 | 855// | 50234 | 88625 | | |
| Aberporth | 502 | 53622 | 81011 | 06403 | 58500 | 52236 | 82822 | 85650 | |
| Filton | 628 | 73612 | 70031 | 04003 | 755// | 51239 | 87624 | | |
| Rhoose | 715 | 83406 | 72021 | 04402 | 25672 | 52235 | 82630 | 87359 | |
| Hartland Point | 703 | 73620 | 84022 | 05404 | 785// | 00235 | 83820 | 87646 | |
| Mount Batten | 827 | 10107 | 70018 | 04402 | 15600 | 01236 | 81630 | | |
| St.Mawgan | 817 | 50116 | 75028 | 05504 | 58400 | 01237 | 84814 | | |
| Scilly | 804 | 50316 | 81258 | 06605 | 52460 | 02236 | 85818 | | |
| Culdrose | 809 | 60216 | 68031 | 05304 | 68400 | 03332 | 84815 | 83620 | |
| Guernsey | 894 | 33515 | 81018 | 02804 | 38400 | 01326 | 83818 | | |
| Elmdon | 534 | 80215 | 64228 | 03501 | 7642/ | 51245 | 87712 | 88460 | |
| Cardington | 559 | 73618 | 60037 | 00703 | 755// | 01239 | 83620 | 87625 | |
| Wittering | 462 | 70111 | 60262 | 02401 | 752// | 01348 | 83703 | 86705 | 87640 |
| Watnall | 354 | 63610 | 58237 | 04001 | 4533/ | 50252 | 82709 | 84622 | |
| Shawbury | 414 | 73414 | 68027 | 05402 | 755// | 51237 | 85622 | 87640 | |
| Finningley | 360 | 73312 | 70018 | 03701 | 7754// | 00242 | 83617 | 85632 | |
| Spurn Point | 396 | 63419 | 75028 | 02303 | 5547/ | 50246 | 83710 | 85640 | |
| Leeming | 257 | 73509 | 75268 | 04801 | 784// | 51232 | 83818 | 87640 | |
| Tynemouth | 262 | 83632 | 80028 | 04404 | 4352/ | 53232 | 84925 | 88458 | |
| Carlisle | 222 | 73509 | 80028 | 07102 | 785// | 52233 | 83822 | 87640 | |
| Valley | 302 | 70116 | 75031 | 08004 | 785// | 51235 | 82820 | 86628 | |
| Ringway | 334 | 33608 | 80011 | 05002 | 14501 | 53241 | 81820 | 83075 | |
| Squires Gate | 318 | 60107 | 82031 | 06702 | 48531 | 51237 | 81825 | 84645 | |
| Ronaldsway | 204 | 73611 | 80031 | 08603 | 785// | 53333 | 82825 | 86648 | |
| Mull of Galloway | 131 | 70320 | 82031 | 09103 | 784// | 52233 | 84815 | 83625 | |
| Eskdalemuir | 162 | 73414 | 80028 | 07500 | 785// | 53229 | 81825 | 87640 | |
| Prestwick | 135 | 73609 | 80022 | 09202 | 757// | 54230 | 87650 | | |
| Abbotsinch | 140 | 73203 | 80022 | 08901 | 65642 | 54127 | 86645 | | |
| Leuchars | 171 | 73508 | 82022 | 07602 | 55632 | 54226 | 85635 | | |
| Dyce | 091 | 73312 | 66858 | 06901 | 68501 | 53225 | 82820 | 86635 | |
| Lerwick | 005 | 43406 | 75158 | 06353 | 39401 | 55212 | 83912 | | |
| Wick | 075 | 63309 | 65158 | 08301 | 684// | 51217 | 81712 | | |
| Sule Skerry | 010 | 43615 | 72268 | 09803 | 33570 | 53216 | 82820 | 81920 | |
| Cape Wrath | 049 | 63612 | 70158 | 09703 | 634// | 52112 | 86915 | | |
| Stornoway | 026 | 73205 | 67858 | 11201 | 6948/ | 50117 | 84917 | 85650 | 85360 |
| Benbecula | 022 | 53508 | 84012 | 11602 | 55500 | 51220 | 81625 | 85645 | |
| Tiree | 100 | 70115 | 84011 | 10704 | 785// | 00224 | 81820 | 87627 | |
| Aldergrove | 917 | 70505 | 81031 | 10001 | 756// | 53226 | 87635 | | |
| Malin | 980 | 70121 | 82018 | 10705 | 785// | 52224 | 84820 | 87640 | |
| Belmullet | 976 | 80203 | 78258 | 12904 | 834// | 01222 | 83717 | 84920 | 87638 |
| Birr | 965 | 73503 | 80011 | 11702 | 756// | 52232 | 87636 | | |
| Dublin | 969 | 33309 | 80011 | 10300 | 38500 | 53236 | 81820 | 83645 | |
| Shannon | 962 | 83205 | 80021 | 12604 | 856// | 01234 | 88645 | | |
| Roches Point | 952 | 53313 | 75031 | 11603 | 556// | 52236 | 85638 | | |
| Valentia | 953 | 70109 | 70031 | 13106 | 725// | 51230 | 87822 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97001 | 53 | + | $pr_opr_os_oir_o$ |
| Hurn | 862 | 97001 | 53 | + | $r_o$ |
| Manston | 797 | 92511 | 54 | + | $pr_opr_os_o$ |
| Gatwick | 776 | 01511 | 55 | $s_osr_o$ | $r_o-r_os_or_or_o$ |
| Kew | 775 | 96021 | 52 | $r_os_ors$ | $r_os_or_o$ |
| Heathrow | 772 | 97021 | 00 | $r_o-r_os_o$ | $r_o-r_os_oir_o$ |
| Honington | 586 | 94007 | 51 | $r_o-r_os_o$ | $pr_os_o$ |
| Wattisham | 590 | 93005 | 52 | $s_o$ | ~~$s_orrs_o$~~ $r_o-r_os_o$ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 94021 | 00 | $pr_o$ | + |
| Filton | 628 | 92031 | 51 | + | $r_o-s_or_os_o$ |
| Rhoose | 715 | 00011 | 51 | + | + |
| Hartland Point | 703 | 92031 | 02 | | |
| Mount Batten | 827 | 91001 | 53 | ~~$ifpr_o$~~ $Fpr_o$ | + |
| St.Mawgan | 817 | 01031 | 51 | pr | jp |
| Scilly | 804 | 01041 | 03 | pr | $pr_o$ |
| Culdrose | 809 | 01010 | 54 | $pr_o$ | + |
| Guernsey | 894 | 01011 | 50 | $ir_os_oir_oir_os_o$ | $pr_o$ |
| Elmdon | 534 | 95011 | 00 | $r_os_opr_os_o$ | $pr_os_or_os_os_os_o$ |
| Cardington | 559 | 02011 | 51 | $ir_os_oirsir_o$ | $ir_os_oir_o$ |
| Wittering | 462 | 01011 | 51 | $r_orsr_os_or_os_o$ | $pr_os_o$ |
| Watnall | 354 | 01011 | 51 | $r_or_or_os_o$ | $r_os_ors$ |
| Shawbury | 414 | 97001 | 52 | $r_o-s_os_o$ | $s_os_o$ |
| Finningley | 360 | 01011 | 51 | $pr_os_or_os_os$ | $s_os_osps_o$ |
| Spurn Point | 396 | | | $s_os_opr_o$ | $pr_ops_o$ |
| Leeming | 257 | 01011 | 51 | $pr_opr_os_o$ | $pr_os_o$ |
| Tynemouth | 262 | 92011 | 01 | $prsph_or_o$ | $ps_oph_or_o$ |
| Carlisle | 222 | 97011 | 53 | $ps_opr_os_o$ | $pr_os_ops_o$ |
| Valley | 302 | 91031 | 01 | $pr_o$ | $ph_or_o$ |
| Ringway | 334 | 00001 | 52 | + | jp |
| Squires Gate | 318 | 00011 | 52 | + | + |
| Ronaldsway | 204 | 00011 | 52 | + | + |
| Mull of Galloway | 131 | 00021 | | | |
| Eskdalemuir | 162 | 97515 | 53 | $ps_o$ | $s_o$ |
| Prestwick | 135 | 00011 | 51 | + | + |
| Abbotsinch | 140 | 00511 | 55 | + | + |
| Leuchars | 171 | 97011 | 50 | $pr_os_o$ | $ps_o$ |
| Dyce | 091 | 97011 | 50 | $ps_oph_o$ | $ph_ops_o$ |
| Lerwick | 005 | 95535 | 55 | $ph_ops_oph_o$ | $ph_ops_o$ |
| Wick | 075 | 94505 | 52 | $ps_o$ | phs |
| Sule Skerry | 010 | 01011 | 00 | | |
| Cape Wrath | 049 | 93001 | 00 | $pr_os_oph_o$ | $ps_o$ |
| Stornoway | 026 | 95505 | 51 | $ph_os_opr_os_oph$ | $ps_o$ |
| Benbecula | 022 | 97001 | 54 | + | $pr_os_o$ |
| Tiree | 100 | 00021 | 01 | + | jp |
| Aldergrove | 917 | 00531 | 60 | + | + |
| Malin | 980 | 9703 | 02 | | |
| Belmullet | 976 | 9704 | 03 | | |
| Birr | 965 | 0201 | 51 | | |
| Dublin | 969 | 9751 | 55 | | |
| Shannon | 962 | 9101 | 52 | | |
| Roches Point | 952 | 0003 | 51 | | |
| Valentia | 953 | 0005 | 04 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 17001 | 81814 | 95285 | 05408 | 864// | 00732 | 88710 | ///// | 00508 | 10629 | 3//05 | 23/07 |
| L | 99569 | 70190 | 17004 | 42803 | 99011 | 16107 | 45600 | 61217 | 83635 | ///// | 0//00 | 10924 | 30501 | 99/11 |
| M | 99659 | 10018 | 17004 | 53421 | 97028 | 01600 | 49460 | 00304 | 83913 | ///// | 0//52 | 10613 | 30504 | ///// |
| R | 99468 | 70166 | 17004 | 53437 | 97018 | 17808 | 59400 | 00003 | 82913 | ///// | 0//06 | 11156 | 31116 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 17061 | 82016 | 97216 | 99108 | 856// | 00511 | 88644 | ///// | 00407 | 10624 | 3//08 | ///// |
| L | 99569 | 70200 | 17064 | 62715 | 98021 | 15207 | 35532 | 61603 | 83625 | 85068 | 0//51 | 10944 | 30601 | 99/07 |
| M | 99657 | 10020 | 17064 | 53426 | 97268 | 02251 | 59400 | 00205 | 85913 | ///// | 0//55 | 10630 | 30605 | ///// |
| R | 99465 | 70161 | 17064 | 53026 | 97258 | 18710 | 59400 | 00103 | 83913 | ///// | 0//08 | 11173 | 31114 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42485

Date of Issue SATURDAY 18 MARCH 1978

Code FM 11.V

## OBSERVATIONS at 12h. 17 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 60112 | 80018 | 10205 | 48502 | 52133 | 83824 | 85072 | |
| Hurn | 862 | 63615 | 70028 | 10005 | 68500 | 51239 | 84820 | 85625 | |
| Manston | 797 | 70115 | 84018 | 07605 | 28571 | 51246 | 81820 | 85075 | |
| Gatwick | 776 | 70112 | 82806 | 08605 | 784/2 | 52243 | 84818 | 86650 | |
| Kew | 775 | 73613 | 81256 | 08905 | 42501 | 51235 | 84820 | 85075 | |
| Heathrow | 772 | 73412 | 64256 | 09104 | 48502 | 01237 | 83820 | 86075 | |
| Honington | 586 | 73005 | 70278 | 08103 | 784/1 | 01231 | 83818 | 85626 | 87075 |
| Wattisham | 590 | 73411 | 62267 | 08202 | 58302 | 01234 | 81706 | 85640 | 86075 |
| Gorleston | 497 | 63618 | 66018 | 07504 | 48501 | 52229 | 83820 | 84625 | 86075 |
| Aberporth | 502 | 43615 | 80011 | 13604 | 28541 | 50229 | 81820 | | |
| Filton | 628 | 73614 | 82038 | 11605 | 58501 | 50227 | 84825 | 86078 | |
| Rhoose | 715 | 63310 | 83022 | 11606 | 22501 | 53128 | 81828 | 85075 | |
| Hartland Point | 703 | 43618 | 86021 | 13105 | 22631 | 52231 | 82830 | | |
| Mount Batten | 827 | 60213 | 80031 | 12206 | 63460 | 01233 | 81918 | 86820 | |
| St.Mawgan | 817 | 40114 | 82021 | 13805 | 48500 | 51233 | 83824 | | |
| Scilly | 804 | 70118 | 82808 | 14207 | 784// | 01234 | 82818 | 87625 | |
| Culdrose | 809 | 70314 | 70032 | 13205 | 784// | 51232 | 82710 | 83820 | 87625 |
| Guernsey | 894 | 73517 | 82258 | 10805 | 784// | 50236 | 84818 | 87640 | |
| Elmdon | 534 | 73611 | 62261 | 11104 | 684/2 | 52129 | 82815 | 85820 | |
| Cardington | 559 | 73511 | 60838 | 09603 | 794// | 01335 | 83815 | 87918 | |
| Wittering | 462 | 73613 | 75268 | 09505 | 685/1 | 00231 | 83820 | 84640 | 86075 |
| Watnall | 354 | 73517 | 60261 | 11004 | 22408 | 52230 | 82817 | 86275 | |
| Shawbury | 414 | 70111 | 76268 | 12005 | 684/1 | 51225 | 86816 | | |
| Finningley | 360 | 73315 | 75028 | 10305 | 785// | 51229 | 83820 | 86650 | |
| Spurn Point | 396 | 73520 | 66028 | 08805 | 3347/ | 51234 | 83910 | 87360 | |
| Leeming | 257 | 73514 | 72268 | 10904 | 784// | 00125 | 82818 | 83624 | 85640 |
| Tynemouth | 262 | 53620 | 80028 | 10704 | 43502 | 52229 | 84925 | | |
| Carlisle | 222 | 53416 | 82018 | 12505 | 38442 | 53122 | 81717 | 83823 | |
| Valley | 302 | 60112 | 82278 | 14205 | 48502 | 52220 | 84822 | 83070 | |
| Ringway | 334 | 73412 | 62151 | 11604 | 48541 | 52228 | 81820 | 83825 | 86075 |
| Squires Gate | 318 | 70211 | 82032 | 12705 | 48531 | 02225 | 82825 | 83650 | 85360 |
| Ronaldsway | 204 | 50111 | 86022 | 14105 | 48602 | 57220 | 83830 | 83650 | |
| Mull of Galloway | 131 | 70116 | 86022 | 14005 | 785// | 53220 | 83820 | 87630 | |
| Eskdalemuir | 162 | 43311 | 80018 | 12903 | 32542 | 53122 | 83822 | | |
| Prestwick | 135 | 43212 | 80151 | 13505 | 48600 | 54215 | 81830 | 83840 | |
| Abbotsinch | 140 | 43609 | 84151 | 13207 | 48601 | 55216 | 82832 | | |
| Leuchars | 171 | 63610 | 82018 | 12205 | 48542 | 55118 | 84826 | 84075 | |
| Dyce | 091 | 43114 | 65278 | 10704 | 38402 | 52117 | 83815 | | |
| Lerwick | 005 | 23220 | 84018 | 07702 | 23400 | 54308 | 81912 | | |
| Wick | 075 | 43211 | 82268 | 11102 | 38402 | 01212 | 83818 | | |
| Sule Skerry | 010 | 43417 | 81028 | 12105 | 32560 | 54211 | 83820 | | |
| Cape Wrath | 049 | 53614 | 84152 | 12304 | 52500 | 51209 | 85825 | | |
| Stornoway | 026 | 43206 | 82158 | 13705 | 32460 | 01110 | 83816 | | |
| Benbecula | 022 | 22603 | 70268 | 14603 | 19460 | 02311 | 81912 | | |
| Tiree | 100 | 23310 | 86011 | 14406 | 28500 | 02115 | 82822 | | |
| Aldergrove | 917 | 62808 | 82012 | 15205 | 58532 | 51121 | 82820 | 84645 | |
| Malin | 980 | 33206 | 84018 | 15206 | 38500 | 50120 | 81820 | | |
| Belmullet | 976 | 70205 | 82018 | 16808 | 735// | 03212 | 82821 | 81921 | 86638 |
| Birr | 965 | 73307 | 82022 | 16107 | 785// | 00114 | 83824 | 87640 | |
| Dublin | 969 | 73010 | 84021 | 15306 | 3853/ | 53222 | 81822 | 83645 | 85359 |
| Shannon | 962 | 73405 | 84022 | 16908 | 785// | 50118 | 85828 | 87650 | |
| Roches Point | 952 | 73307 | 80022 | 16507 | 684/2 | 50213 | 82819 | 85640 | |
| Valentia | 953 | 73105 | 80022 | 18108 | 785// | 02220 | 81826 | 87636 | |

## OBSERVATIONS at 18h. 17 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 73206 | 70278 | 15403 | 785// | 50228 | 82828 | 86656 | |
| Hurn | 862 | 73510 | 70802 | 15205 | 68632 | 51228 | 86830 | 87075 | |
| Manston | 797 | 70105 | 75268 | 13103 | 28571 | 01230 | 81820 | 86075 | |
| Gatwick | 776 | 73206 | 58838 | 13904 | 59368 | 50227 | 82706 | 85915 | 87272 |
| Kew | 775 | 73607 | 80258 | 14404 | 785// | 51227 | 82825 | 87650 | |
| Heathrow | 772 | 70107 | 68018 | 14204 | 58662 | 01324 | 82830 | 84645 | |
| Honington | 586 | 63407 | 81018 | 13602 | 28532 | 52226 | 81825 | 85365 | |
| Wattisham | 590 | 63408 | 75018 | 13303 | 38402 | 52228 | 81815 | 83640 | 85075 |
| Gorleston | 497 | 43310 | 66216 | 13104 | 45500 | 53232 | 84625 | | |
| Aberporth | 502 | 43510 | 83011 | 17503 | 28502 | 52220 | 81825 | 83075 | |
| Filton | 628 | 70207 | 75018 | 16104 | 58602 | 00224 | 82830 | 84645 | |
| Rhoose | 715 | 73203 | 82152 | 16005 | 785/1 | 51222 | 82825 | 87635 | |
| Hartland Point | 703 | 53612 | 86011 | 16905 | 38531 | 51119 | 81825 | 83650 | 85360 |
| Mount Batten | 827 | 60111 | 88258 | 16906 | 685// | 00226 | 82825 | 86635 | |
| St.Mawgan | 817 | 73510 | 70278 | 17703 | 734// | 01221 | 82915 | 83820 | 86645 |
| Scilly | 804 | 73513 | 81028 | 18506 | 7847/ | 51221 | 85818 | 87627 | |
| Culdrose | 809 | 60109 | 70258 | 17804 | 68400 | 02321 | 81710 | 83820 | 85640 |
| Guernsey | 894 | 73613 | 82028 | 16205 | 48432 | 51228 | 81813 | 84650 | |
| Elmdon | 534 | 73203 | 65268 | 15703 | 784// | 50128 | 81710 | 87640 | |
| Cardington | 559 | 73511 | 62808 | 14703 | 694/2 | 00229 | 82815 | 85920 | |
| Wittering | 462 | 43105 | 62268 | 14302 | 38501 | 01127 | 81820 | 83645 | |
| Watnall | 354 | 73302 | 56268 | 15603 | 794// | 00223 | 83918 | 83635 | |
| Shawbury | 414 | 63308 | 75028 | 16305 | 58542 | 52324 | 82820 | 85650 | |
| Finningley | 360 | 73512 | 70148 | 15103 | 6356/ | 51325 | 81920 | 83825 | 85636 |
| Spurn Point | 396 | 43415 | 70031 | 13804 | 43471 | 51225 | 82915 | 83630 | |
| Leeming | 257 | 22402 | 75018 | 14903 | 28501 | 00217 | 81822 | | |
| Tynemouth | 262 | 40108 | 80028 | 14604 | 33530 | 51217 | 83925 | | |
| Carlisle | 222 | 63207 | 84142 | 15205 | 645// | 52214 | 81824 | 84645 | |
| Valley | 302 | 13305 | 84018 | 17505 | 18500 | 53217 | 81828 | | |
| Ringway | 334 | 63108 | 70261 | 15604 | 685/1 | 51323 | 82826 | 85656 | |
| Squires Gate | 318 | 33311 | 75011 | 16105 | 28541 | 00218 | 81825 | | |
| Ronaldsway | 204 | 33107 | 88021 | 16705 | 38642 | 54214 | 81833 | 83656 | |
| Mull of Galloway | 131 | 63420 | 84151 | 16106 | 685// | 01212 | 82820 | 86625 | |
| Eskdalemuir | 162 | 53003 | 84028 | 15401 | 34602 | 53115 | 83630 | | |
| Prestwick | 135 | 62906 | 80141 | 15605 | 684// | 51212 | 81814 | 86645 | |
| Abbotsinch | 140 | 72505 | 84258 | 14705 | 6853/ | 00208 | 82825 | 85650 | |
| Leuchars | 171 | 73008 | 89022 | 14105 | 38642 | 53213 | 81835 | 83650 | 86075 |
| Dyce | 091 | 42910 | 70158 | 13003 | 18502 | 51210 | 81820 | 84070 | |
| Lerwick | 005 | 53406 | 81038 | 09701 | 48401 | 54212 | 82814 | 84630 | |
| Wick | 075 | 72910 | 70158 | 12902 | 694/1 | 51210 | 81915 | 85635 | |
| Sule Skerry | 010 | 73408 | 82028 | 13003 | 5353/ | 00102 | 85920 | | |
| Cape Wrath | 049 | 53210 | 84278 | 13402 | 48501 | 00204 | 82825 | 84075 | |
| Stornoway | 026 | 72805 | 65158 | 14404 | 784// | 00001 | 83816 | 84624 | 87635 |
| Benbecula | 022 | 72809 | 86021 | 15405 | 18506 | 01105 | 81822 | 87275 | |
| Tiree | 100 | 63007 | 89031 | 15804 | 18506 | 01210 | 81820 | 86280 | |
| Aldergrove | 917 | 33506 | 84021 | 16805 | 28601 | 52211 | 81830 | | |
| Malin | 980 | 33008 | 84028 | 16805 | 28502 | 51211 | 81821 | | |
| Belmullet | 976 | 50902 | 83258 | 17905 | 535/3 | 02206 | 82921 | 84645 | |
| Birr | 965 | 73107 | 82012 | 17807 | 756// | 00209 | 87636 | | |
| Dublin | 969 | 73003 | 84012 | 17506 | 785// | 52214 | 82827 | 86650 | |
| Shannon | 962 | 70000 | 82258 | 18806 | 5853/ | 03212 | 81822 | 84656 | |
| Roches Point | 952 | 72805 | 70258 | 18707 | 784// | 02312 | 81819 | 87635 | |
| Valentia | 953 | 53205 | 82028 | 19507 | 58500 | 02208 | 82826 | 85636 | |

## OBSERVATIONS during DAY

| Station | iii | $R_RT_xT_E$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97061 | 032 | r.pr.pr.s. | phpr. |
| Hurn | 862 | 97071 | 045 | ps. | pr. |
| Manston | 797 | 94061 | 029 | pr.pr.s. | pr.s.phspr.s. |
| Gatwick | 776 | 94061 | 010 | pr.pr.s. | pr.pr.s.prs |
| Kew | 775 | 92071 | 026 | pr.pr.s. | pr. |
| Heathrow | 772 | 97071 | 022 | r.pr.ps.pr.s. | pr.s. |
| Honington | 586 | 92046 | 026 | ps.phph. | ph. |
| Wattisham | 590 | 93053 | 025 | pr.s.pr. | pr.ph. |
| Gorleston | 497 | | 032 | | |
| Aberporth | 502 | 00051 | 048 | jp | + |
| Filton | 628 | 92061 | 031 | r.s.ps.pr. | pr.ps |
| Rhoose | 715 | 00071 | 054 | + | jp |
| Hartland Point | 703 | 00060 | 064 | | |
| Mount Batten | 827 | 97071 | 058 | pr. | pr. |
| St.Mawgan | 817 | 93071 | 063 | + | pr.ph.r.pr. |
| Scilly | 804 | 97081 | 009 | pr. | + |
| Culdrose | 809 | 97071 | 036 | + | pr. |
| Guernsey | 894 | 97061 | 025 | pr.pr.s. | + |
| Elmdon | 534 | 91061 | 031 | pr.s. | pr.s.ps. |
| Cardington | 559 | 01061 | 022 | ps.pr.s.ph. | pr.phr |
| Wittering | 462 | 95053 | 035 | pr.s.psfps. | pr.s.ps. |
| Watnall | 354 | 92051 | 029 | ps. | pr.s.ps. |
| Shawbury | 414 | 97071 | 028 | ps.pr.s.pr. | pr.s. |
| Finningley | 360 | 92061 | 018 | pr.pr.s. | pr.s.pr. |
| Spurn Point | 396 | | | pr.s. | + |
| Leeming | 257 | 97060 | 025 | pr.s.ps. | pr.s. |
| Tynemouth | 262 | 97051 | 037 | prsps | + |
| Carlisle | 222 | 00071 | 059 | + | jp |
| Valley | 302 | 97071 | 037 | ph.r. | + |
| Ringway | 334 | 97061 | 041 | jp | ps. |
| Squires Gate | 318 | 00071 | 030 | jp | jp |
| Ronaldsway | 204 | 00071 | 054 | jp | jp |
| Mull of Galloway | 131 | 00071 | | | |
| Eskdalemuir | 162 | 97051 | 062 | ps. | ps. |
| Prestwick | 135 | 00071 | 030 | + | + |
| Abbotsinch | 140 | 97071 | 036 | ps. | pr. |
| Leuchars | 171 | 97071 | 052 | ps. | + |
| Dyce | 091 | 93063 | 083 | ps.ph. | ps. |
| Lerwick | 005 | 97033 | 032 | ps. | ph. |
| Wick | 075 | 93055 | 058 | ps.psph. | ps.ph. |
| Sule Skerry | 010 | 97051 | | | |
| Cape Wrath | 049 | 94041 | 041 | + | ph.ph.r. |
| Stornoway | 026 | 03051 | 048 | ps. | pr. |
| Benbecula | 022 | 94061 | 066 | pr.pr.s. | + |
| Tiree | 100 | 00071 | 079 | jp | + |
| Aldergrove | 917 | 00081 | 040 | + | + |
| Malin | 980 | 9707 | 052 | | |
| Belmullet | 976 | 0109 | 025 | | |
| Birr | 965 | 0008 | 009 | | |
| Dublin | 969 | 9707 | 025 | | |
| Shannon | 962 | 9209 | 004 | | |
| Roches Point | 952 | 9708 | 026 | | |
| Valentia | 953 | 9709 | 016 | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 12h.

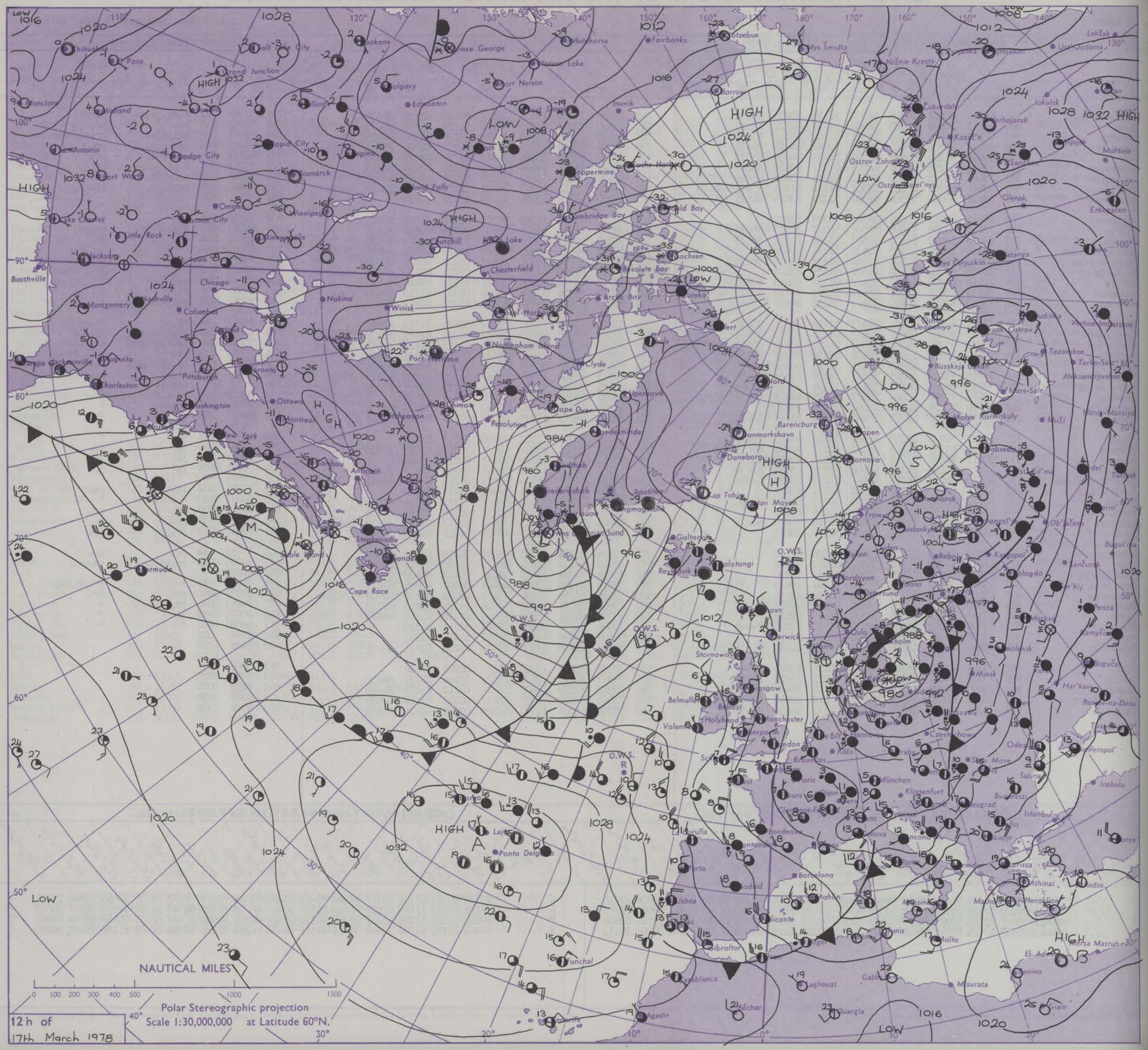
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 17121 | 72416 | 97808 | 99806 | 73400 | 00209 | ///// | ///// | 05002 | 10708 | 30808 | 23110 |
| L | 99570 | 70203 | 17124 | 72122 | 98032 | 12508 | 4843/ | 00823 | 82815 | 87365 | 0//03 | 10941 | 30604 | 99/07 |
| M | 99657 | 10021 | 17124 | 53321 | 98268 | 03651 | 59500 | 00306 | 84921 | ///// | 0//54 | 10627 | 30504 | 01804 |
| R | 99462 | 70157 | 17124 | 53511 | 98018 | 23010 | 58560 | 00223 | 81820 | 83640 | 0//09 | 11179 | 30000 | 30112 |

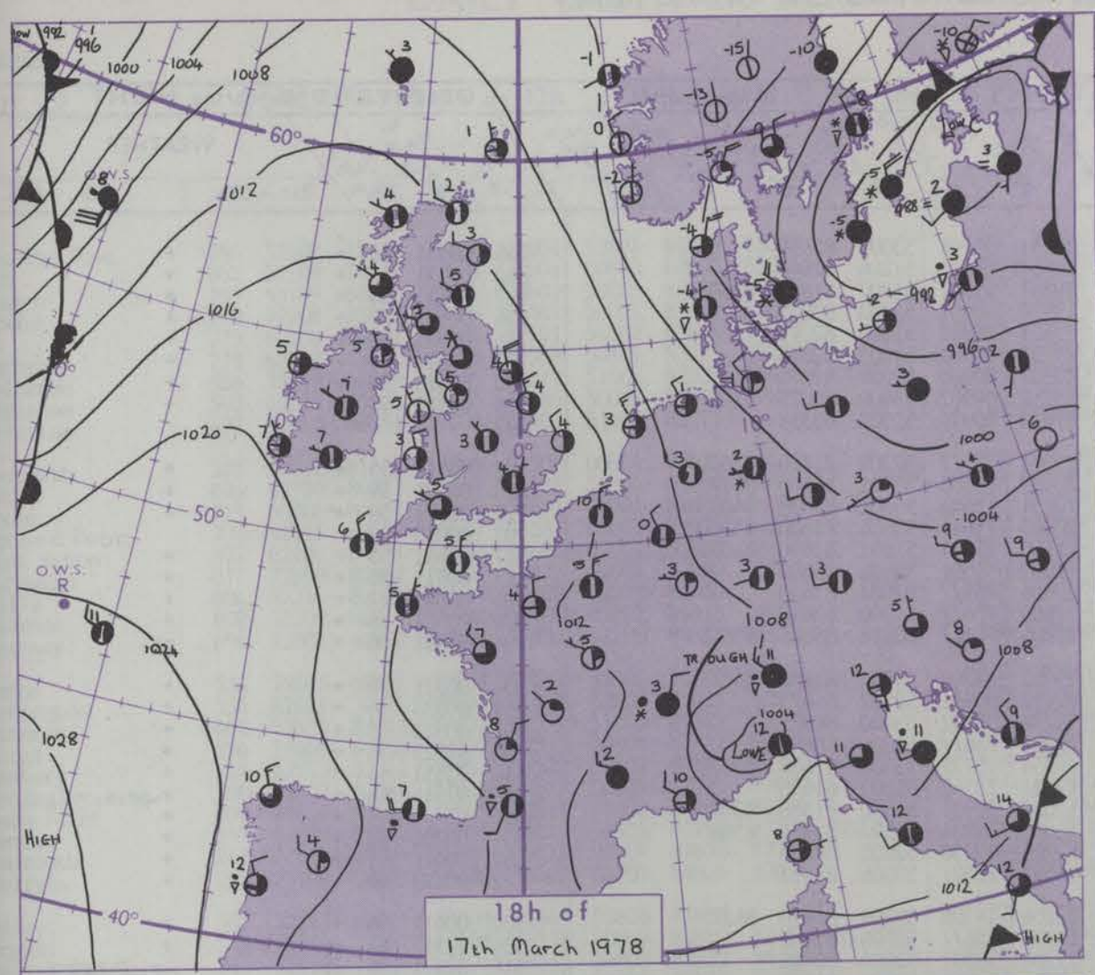
## OCEAN WEATHER STATION REPORTS at 18h.

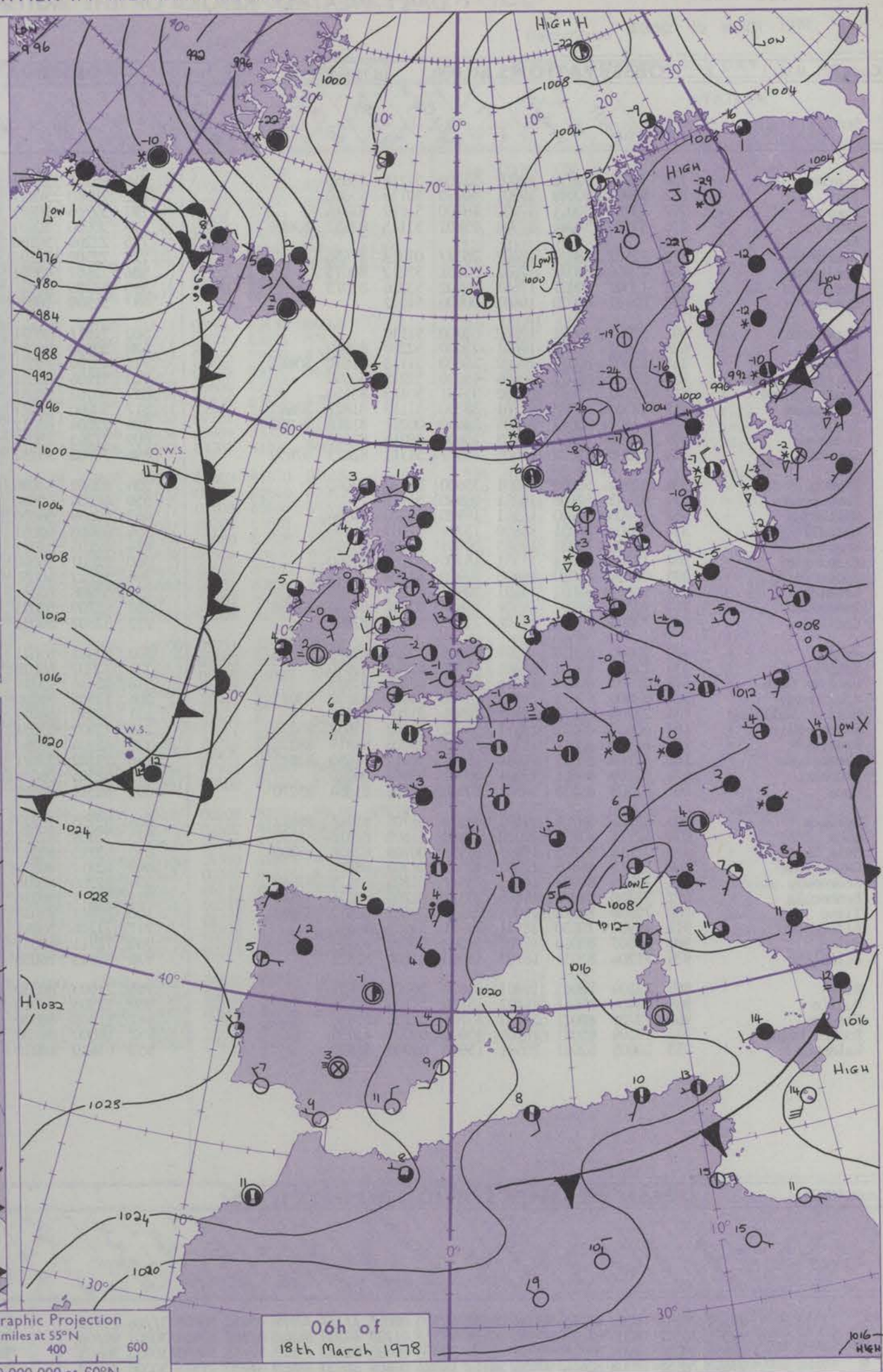
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 17181 | 72717 | 97808 | 03405 | 63450 | 00333 | ///// | ///// | 05200 | 10653 | 30808 | 23414 |
| L | 99571 | 70203 | 17184 | 81929 | 97616 | 06507 | 5742/ | 00732 | 85710 | 88540 | 0//07 | 10936 | 30807 | 99/07 |
| M | 99656 | 10023 | 17184 | 43212 | 98018 | 04151 | 49501 | 00302 | 82920 | ///// | 0//55 | 10630 | 30504 | 01803 |
| R | 99463 | 70152 | 17184 | 72911 | 97151 | 24311 | 18436 | 00208 | 81816 | 83366 | 0//08 | 11170 | 30000 | 30010 |

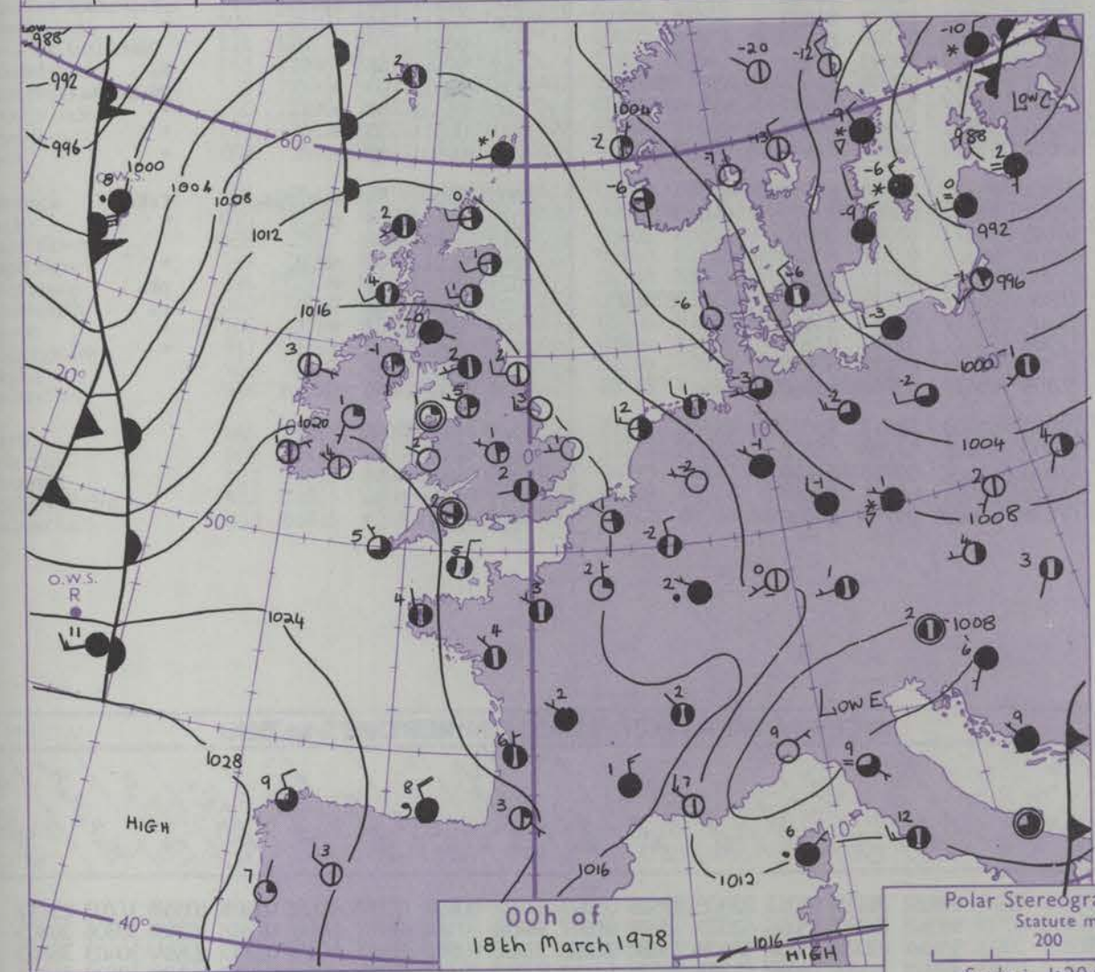
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday SATURDAY 18 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a ridge of high pressure to the west moved east over the British Isles.

During the next 24 hours the ridge of high pressure over the British Isles is expected to move away eastwards as a frontal trough moves in from the west to eastern districts.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.V — **OBSERVATIONS at 00h.** 18 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 52904 | 62018 | 19401 | 55700 | 51214 | 85656 | | |
| Hurn | 862 | 52902 | 80018 | 19301 | 50970 | 50114 | 85360 | | |
| Manston | 797 | 13207 | 80021 | 17602 | 18400 | 51117 | 81816 | | |
| Gatwick | 776 | 33203 | 58048 | 18301 | 25801 | 51115 | 82657 | 83070 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 72502 | 58021 | 18402 | 757// | 01013 | 87656 | | |
| Honington | 586 | 42808 | 63031 | 17551 | 00901 | 52212 | 84075 | | |
| Wattisham | 590 | 13007 | 80031 | 17651 | 00902 | 53216 | 81075 | | |
| Gorleston | 497 | 02707 | 66020 | 16601 | 00900 | 51212 | | | |
| Aberporth | 502 | 02901 | 86021 | 19902 | 00900 | 51110 | | | |
| Filton | 628 | 23602 | 60011 | 19401 | 25600 | 52207 | 82640 | | |
| Rhoose | 715 | 52802 | 80012 | 19702 | 55600 | 51113 | 81630 | 85645 | |
| Hartland Point | 703 | 53608 | 86021 | 20404 | 45630 | 52215 | 84646 | | |
| Mount Batten | 827 | 43502 | 75011 | 20402 | 35731 | 50113 | 83650 | | |
| St.Mawgan | 817 | 33504 | 80028 | 21101 | 38500 | 51113 | 81822 | 83645 | |
| Scilly | 804 | 63307 | 82022 | 21505 | 28430 | 00211 | 81818 | 86360 | |
| Culdrose | 809 | 23405 | 70011 | 21403 | 25600 | 00214 | 82640 | | |
| Guernsey | 894 | 70308 | 81022 | 19605 | 785// | 51312 | 82825 | 87650 | |
| Elmdon | 534 | 32904 | 58048 | 18901 | 35600 | 52210 | 83645 | | |
| Cardington | 559 | 02903 | 57108 | 18251 | 00900 | 51111 | | | |
| Wittering | 462 | 12806 | 64020 | 18251 | 10930 | 52210 | 81364 | | |
| Watnall | 354 | 22603 | 20051 | 18650 | 15701 | 52207 | 81650 | | |
| Shawbury | 414 | 32505 | 78031 | 19553 | 00901 | 56108 | 83078 | | |
| Finningley | 360 | 12705 | 45041 | 17351 | 15700 | 52105 | 81650 | | |
| Spurn Point | 396 | 02716 | 75010 | 16603 | 00900 | 51108 | | | |
| Leeming | 257 | 82809 | 80031 | 17101 | 00907 | 53209 | 88280 | | |
| Tynemouth | 262 | 72806 | 69031 | 16902 | 2563/ | 53214 | 82630 | 87358 | |
| Carlisle | 222 | 72603 | 70021 | 17102 | 756// | 50305 | 87647 | | |
| Valley | 302 | 20000 | 82030 | 19501 | 00902 | 52207 | 82075 | | |
| Ringway | 334 | 11906 | 65031 | 18601 | 15700 | 52109 | 81650 | | |
| Squires Gate | 318 | 32907 | 80031 | 18205 | 28501 | 02208 | 81825 | | |
| Ronaldsway | 204 | 42806 | 82011 | 18403 | 25701 | 50105 | 82650 | 83075 | |
| Mull of Galloway | 131 | 23208 | 84031 | 18103 | 12501 | 01206 | 81820 | | |
| Eskdalemuir | 162 | 60000 | 84021 | 17451 | 35632 | 54302 | 83638 | 85075 | |
| Prestwick | 135 | 81202 | 82021 | 17350 | 12407 | 51006 | 81819 | 88270 | |
| Abbotsinch | 140 | 32708 | 80021 | 16850 | 15701 | 52112 | 81650 | 83072 | |
| Leuchars | 171 | 42709 | 86021 | 15601 | 00902 | 53208 | 84070 | | |
| Dyce | 091 | 52508 | 84031 | 14501 | 10936 | 52102 | 81364 | 85270 | |
| Lerwick | 005 | 82606 | 30701 | 09601 | 852// | 51704 | 85705 | 88622 | |
| Wick | 075 | 52711 | 82038 | 12900 | 11432 | 51805 | 81818 | 83359 | |
| Sule Skerry | 010 | 73214 | 81032 | 12605 | 2255/ | 00709 | 82820 | 85360 | |
| Cape Wrath | 049 | 83215 | 66908 | 13302 | 835// | 01303 | 88920 | | |
| Stornoway | 026 | 72306 | 80028 | 14002 | 755// | 01808 | 84625 | 87640 | |
| Benbecula | 022 | 72310 | 82032 | 14805 | 755// | 01707 | 83625 | 87640 | |
| Tiree | 100 | 72508 | 89021 | 16004 | 785// | 02802 | 81822 | 87643 | |
| Aldergrove | 917 | 31902 | 70030 | 18551 | 15731 | 53003 | 81650 | | |
| Malin | 980 | 31807 | 83018 | 17702 | 38502 | 50002 | 82820 | | |
| Belmullet | 976 | 11204 | 81031 | 18103 | 18500 | 02804 | 81820 | | |
| Birr | 965 | 22104 | 75011 | 19901 | 25600 | 50106 | 82632 | | |
| Dublin | 969 | 12404 | 80011 | 19102 | 15500 | 51104 | 81628 | | |
| Shannon | 962 | 22705 | 80021 | 20103 | 15702 | 02101 | 81656 | | |
| Roches Point | 952 | 13104 | 65021 | 20704 | 15600 | 02005 | 81635 | | |
| Valentia | 953 | 10605 | 82021 | 20601 | 15600 | 01000 | 81630 | | |

**OBSERVATIONS at 06h.** 18 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 43103 | 59051 | 20451 | 35701 | 53301 | 83650 | | |
| Hurn | 862 | 20000 | 50111 | 20551 | 25600 | 51204 | 82640 | | |
| Manston | 797 | 32705 | 48101 | 19551 | 11401 | 51207 | 81815 | 83075 | |
| Gatwick | 776 | 30000 | 30101 | 19952 | 00901 | 52303 | 83072 | | |
| Kew | 775 | 22204 | 50100 | 19651 | 00901 | 51203 | 82075 | | |
| Heathrow | 772 | 22502 | 38101 | 19751 | 00901 | 51203 | 82075 | | |
| Honington | 586 | 72407 | 45051 | 18552 | 00901 | 52201 | 87075 | | |
| Wattisham | 590 | 52708 | 60031 | 18752 | 00902 | 53400 | 85075 | | |
| Gorleston | 497 | 32509 | 58030 | 17850 | 30970 | 51202 | 83358 | | |
| Aberporth | 502 | 71811 | 86031 | 19301 | 785// | 52709 | 81820 | 87650 | |
| Filton | 628 | 50000 | 40051 | 20352 | 15608 | 53501 | 81645 | 85275 | |
| Rhoose | 715 | 43202 | 75031 | 20251 | 15644 | 55501 | 81635 | 84075 | |
| Hartland Point | 703 | 51906 | 86031 | 20403 | 15631 | 52804 | 81630 | 85360 | |
| Mount Batten | 827 | 40702 | 70031 | 21150 | 15601 | 51101 | 81640 | 84075 | |
| St.Mawgan | 817 | 50000 | 80021 | 21001 | 55601 | 52801 | 85640 | | |
| Scilly | 804 | 72004 | 82012 | 20806 | 755// | 02601 | 87628 | | |
| Culdrose | 809 | 71205 | 75031 | 21400 | 756// | 51000 | 87640 | | |
| Guernsey | 894 | 70702 | 75252 | 21204 | 785// | 50310 | 85825 | 87645 | |
| Elmdon | 534 | 42602 | 68030 | 19452 | 15704 | 55502 | 81656 | 84075 | |
| Cardington | 559 | 42504 | 40100 | 19152 | 00901 | 52202 | 84075 | | |
| Wittering | 462 | 42609 | 56100 | 18752 | 00902 | 53400 | 84075 | | |
| Watnall | 354 | 62403 | 40051 | 18651 | 656// | 52804 | 86645 | | |
| Shawbury | 414 | 42103 | 81021 | 19354 | 15772 | 55503 | 81656 | 83078 | |
| Finningley | 360 | 22607 | 50040 | 17201 | 15742 | 51802 | 81656 | | |
| Spurn Point | 396 | 32712 | 40050 | 17002 | 10971 | 51500 | 81360 | 83075 | |
| Leeming | 257 | 52908 | 80031 | 16600 | 20931 | 52502 | 82367 | 85080 | |
| Tynemouth | 262 | 42709 | 69021 | 15901 | 40930 | 52605 | 84360 | | |
| Carlisle | 222 | 32802 | 80031 | 16552 | 28501 | 53506 | 81822 | | |
| Valley | 302 | 42411 | 81021 | 18104 | 18508 | 02709 | 81820 | 84275 | |
| Ringway | 334 | 72007 | 68028 | 18000 | 756// | 53706 | 87640 | | |
| Squires Gate | 318 | 42514 | 75218 | 17304 | 38501 | 02606 | 82820 | | |
| Ronaldsway | 204 | 13505 | 84020 | 17151 | 18541 | 52608 | 81825 | | |
| Mull of Galloway | 131 | 42510 | 84031 | 16804 | 45602 | 01709 | 84630 | | |
| Eskdalemuir | 162 | 71502 | 83031 | 16853 | 756/2 | 55503 | 87645 | | |
| Prestwick | 135 | 81204 | 80261 | 15901 | 854// | 00608 | 81618 | 83622 | 85632 |
| Abbotsinch | 140 | 73102 | 75021 | 15301 | 755// | 52708 | 81625 | 83635 | 87650 |
| Leuchars | 171 | 62505 | 86031 | 14301 | 30932 | 53606 | 83362 | 84075 | |
| Dyce | 091 | 82511 | 86022 | 12602 | 15677 | 54707 | 81645 | 87362 | 88270 |
| Lerwick | 005 | 82705 | 75227 | 07802 | 854// | 01706 | 82710 | 88630 | |
| Wick | 075 | 72409 | 82022 | 10901 | 5553/ | 00709 | 81625 | 85640 | 87360 |
| Sule Skerry | 010 | 82715 | 82022 | 10505 | 885// | 03709 | 83820 | 88625 | |
| Cape Wrath | 049 | 63217 | 84158 | 10104 | 685// | 03711 | 83820 | 86625 | |
| Stornoway | 026 | 62204 | 80038 | 11303 | 1247/ | 02712 | 81818 | 86365 | |
| Benbecula | 022 | 72211 | 80216 | 11806 | 6547/ | 02713 | 83617 | 86630 | 87360 |
| Tiree | 100 | 72011 | 82032 | 13104 | 756// | 03614 | 83645 | 87656 | |
| Aldergrove | 917 | 71706 | 58041 | 17000 | 756// | 51706 | 87630 | | |
| Malin | 980 | 71911 | 83031 | 15103 | 756// | 01610 | 87635 | | |
| Belmullet | 976 | 61613 | 76038 | 13905 | 654// | 03722 | 82718 | 84636 | |
| Birr | 965 | 21603 | 80030 | 18050 | 00902 | 51513 | 82070 | | |
| Dublin | 969 | 12305 | 81010 | 17700 | 00901 | 51708 | 81070 | | |
| Shannon | 962 | 11305 | 80030 | 17400 | 15602 | 50716 | 81640 | | |
| Roches Point | 952 | 10000 | 60100 | 18902 | 18401 | 01711 | 81818 | | |
| Valentia | 953 | 61610 | 82031 | 17104 | 65600 | 03716 | 86630 | | |

**OBSERVATIONS during NIGHT**

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00511 | 58 | + | + |
| Hurn | 862 | 00521 | 57 | + | + |
| Manston | 797 | 97511 | 54 | + | + |
| Gatwick | 776 | 00531 | 57 | + | + |
| Kew | 775 | 00521 | 60 | + | + |
| Heathrow | 772 | 00511 | 54 | + | + |
| Honington | 586 | 00526 | 56 | + | + |
| Wattisham | 590 | 00522 | 57 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00511 | 55 | + | + |
| Filton | 628 | 00521 | 59 | + | + |
| Rhoose | 715 | 00511 | 58 | + | + |
| Hartland Point | 703 | 00010 | 52 | | |
| Mount Batten | 827 | 00511 | 55 | + | + |
| St.Mawgan | 817 | 00511 | 56 | + | + |
| Scilly | 804 | 00041 | 52 | + | + |
| Culdrose | 809 | 00501 | 56 | + | + |
| Guernsey | 894 | 91031 | 00 | + | pr₀ |
| Elmdon | 534 | 00521 | 59 | + | + |
| Cardington | 559 | 00533 | 56 | + | + |
| Wittering | 462 | 00523 | 55 | + | + |
| Watnall | 354 | 97523 | 56 | + | + |
| Shawbury | 414 | 00551 | 61 | + | + |
| Finningley | 360 | 97511 | 56 | + | r₀pr₀s₀ |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00001 | 53 | + | + |
| Tynemouth | 262 | 00011 | 51 | + | + |
| Carlisle | 222 | 00523 | 58 | + | + |
| Valley | 302 | 00011 | 56 | + | + |
| Ringway | 334 | 97511 | 54 | ps₀ | + |
| Squires Gate | 318 | 02031 | 00 | pr₀ | pr₀pRphrprr₀ |
| Ronaldsway | 204 | 00511 | 55 | + | + |
| Mull of Galloway | 131 | 00011 | | | |
| Eskdalemuir | 162 | 97541 | 58 | + | s₀ |
| Prestwick | 135 | 92511 | 57 | + | ps₀pr₀s₀ |
| Abbotsinch | 140 | 00531 | 57 | + | + |
| Leuchars | 171 | 00511 | 53 | + | + |
| Dyce | 091 | 00501 | 52 | + | + |
| Lerwick | 005 | 01501 | 54 | s₀s₀r₀s₀ | r₀s₀ |
| Wick | 075 | 97511 | 53 | ph₀ | + |
| Sule Skerry | 010 | 97031 | 02 | | |
| Cape Wrath | 049 | 02011 | 00 | ph₀r₀ | + |
| Stornoway | 026 | 96011 | 01 | + | pr₀ |
| Benbecula | 022 | 01041 | 01 | ir₀ | r₀ |
| Tiree | 100 | 00011 | 52 | + | + |
| Aldergrove | 917 | 00521 | 56 | + | + |
| Malin | 980 | 9102 | 51 | | |
| Belmullet | 976 | 9701 | 54 | | |
| Birr | 965 | 9751 | 56 | | |
| Dublin | 969 | 9751 | 55 | | |
| Shannon | 962 | 9200 | 55 | | |
| Roches Point | 952 | 9701 | 54 | | |
| Valentia | 953 | 9700 | 52 | | |

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 18001 | 42715 | 98018 | 08604 | 44500 | 00011 | ///// | ///// | 05454 | 10643 | 3//08 | 23/15 |
| L | 99572 | 70202 | 18004 | 81828 | 97606 | 00108 | 5732/ | 41737 | 84709 | 88540 | 0//08 | 10918 | 30807 | 99/06 |
| M | 99654 | 10024 | 18004 | 33416 | 98038 | 04551 | 39400 | 00500 | 81917 | ///// | 0//53 | 10602 | 30403 | 36803 |
| R | 99463 | 70155 | 18004 | 82414 | 97026 | 24111 | 1851/ | 00804 | 81820 | 88465 | 0//10 | 11171 | 30000 | 36209 |

**OCEAN WEATHER STATION REPORTS at 06h.**

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 18061 | 82308 | 97616 | 05003 | 8742/ | 00827 | ///// | ///// | 05601 | 10557 | 3//03 | 23/12 |
| L | 99568 | 70202 | 18064 | 42520 | 98016 | 01007 | 38450 | 00311 | 81816 | ///// | 0//03 | 10889 | 30806 | 20805 |
| M | 99654 | 10025 | 18064 | 33409 | 98020 | 04550 | 39400 | 00502 | 82917 | ///// | 0//55 | 10614 | 30403 | 36803 |
| R | 99465 | 70150 | 18064 | 82521 | 96516 | 18712 | 6722/ | 00726 | 86704 | 88559 | 0//12 | 11170 | 30502 | 36208 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

ISSN 0307-2541

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 42486

Date of Issue SUNDAY 19 MARCH 1978

## OBSERVATIONS at 12h. 18 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 52409 | 75031 | 20607 | 11601 | 52801 | 81835 | 85075 | |
| Hurn | 862 | 52109 | 75031 | 21008 | 31601 | 00803 | 83830 | 83075 | |
| Manston | 797 | 53109 | 68011 | 20606 | 22601 | 50002 | 82830 | 85078 | |
| Gatwick | 776 | 72908 | 82021 | 20806 | 54601 | 53001 | 85640 | 87075 | |
| Kew | 775 | 62708 | 80021 | 20406 | 52501 | 54802 | 85828 | 83075 | |
| Heathrow | 772 | 62507 | 75021 | 20506 | 32508 | 54801 | 83825 | 85275 | |
| Honington | 586 | 72412 | 67022 | 19505 | 686/2 | 51001 | 82835 | 85656 | 87075 |
| Wattisham | 590 | 72616 | 75022 | 19505 | 18506 | 50001 | 81822 | 87275 | |
| Gorleston | 497 | 82810 | 58051 | 19005 | 00907 | 51102 | 88275 | | |
| Aberporth | 502 | 62012 | 81022 | 18909 | 32502 | 00809 | 83825 | 85075 | |
| Filton | 628 | 42710 | 80011 | 20807 | 48531 | 52804 | 81822 | 84645 | |
| Rhoose | 715 | 52006 | 84031 | 21007 | 48601 | 52001 | 81832 | 84650 | |
| Hartland Point | 703 | 62415 | 83012 | 20807 | 38531 | 01002 | 82825 | 86075 | |
| Mount Batten | 827 | 62109 | 84031 | 22008 | 38401 | 02002 | 82818 | 86075 | |
| St.Mawgan | 817 | 72109 | 82032 | 21208 | 785// | 01801 | 83820 | 87656 | |
| Scilly | 804 | 32314 | 82021 | 20910 | 28508 | 02802 | 81820 | | |
| Culdrose | 809 | 52309 | 80012 | 21608 | 58400 | 05000 | 81818 | 84825 | |
| Guernsey | 894 | 72807 | 82032 | 22806 | 22432 | 52108 | 82818 | 86075 | |
| Elmdon | 534 | 72413 | 66021 | 19207 | 786/1 | 53806 | 81830 | 86656 | |
| Cardington | 559 | 42611 | 70011 | 19807 | 21538 | 52802 | 82825 | 83278 | |
| Wittering | 462 | 42615 | 82011 | 18807 | 11531 | 51000 | 81825 | 83075 | |
| Watnall | 354 | 72408 | 80032 | 18407 | 68531 | 00808 | 83821 | 85656 | |
| Shawbury | 414 | 52513 | 82011 | 18607 | 38532 | 01807 | 81825 | 83362 | |
| Finningley | 360 | 72807 | 69258 | 17606 | 785// | 00805 | 81825 | 87650 | |
| Spurn Point | 396 | 62611 | 50051 | 17605 | 2257/ | 01000 | 82820 | 86360 | |
| Leeming | 257 | 83207 | 89032 | 16506 | 28637 | 50805 | 81830 | 87362 | 88270 |
| Tynemouth | 262 | 72610 | 69021 | 15805 | 1567/ | 00604 | 81630 | 87358 | |
| Carlisle | 222 | 73106 | 81021 | 16306 | 785// | 03707 | 84826 | 87656 | |
| Valley | 302 | 32217 | 81011 | 18009 | 12541 | 03806 | 81820 | | |
| Ringway | 334 | 72611 | 72252 | 17406 | 48531 | 00809 | 82822 | 83650 | 85360 |
| Squires Gate | 318 | 72512 | 75018 | 17407 | 28531 | 06803 | 81822 | 86362 | |
| Ronaldsway | 204 | 52410 | 86021 | 17107 | 18431 | 02705 | 81818 | 84359 | |
| Mull of Galloway | 131 | 62213 | 86021 | 16307 | 685// | 03805 | 81825 | 86650 | |
| Eskdalemuir | 162 | 72208 | 81017 | 15704 | 756// | 52806 | 87645 | | |
| Prestwick | 135 | 72513 | 80012 | 15407 | 3843/ | 02805 | 81815 | 83650 | 87360 |
| Abbotsinch | 140 | 72206 | 70022 | 14408 | 785// | 02810 | 84820 | 86650 | |
| Leuchars | 171 | 72612 | 86022 | 13507 | 6853/ | 01707 | 81825 | 86645 | |
| Dyce | 091 | 72611 | 86022 | 12107 | 7863/ | 51802 | 81830 | 86645 | |
| Lerwick | 005 | 62617 | 68158 | 07106 | 644// | 03703 | 81813 | 86650 | |
| Wick | 075 | 72714 | 84022 | 10407 | 3853/ | 02704 | 81820 | 83656 | 87360 |
| Sule Skerry | 010 | 72517 | 81018 | 10107 | 1257/ | 05802 | 81820 | 87360 | |
| Cape Wrath | 049 | 72717 | 82012 | 09506 | 2853/ | 05810 | 81820 | 87360 | |
| Stornoway | 026 | 72314 | 82032 | 10308 | 785// | 04705 | 82822 | 86635 | |
| Benbecula | 022 | 71917 | 82022 | 10207 | 3857/ | 05712 | 81822 | 83635 | 85362 |
| Tiree | 100 | 72018 | 87258 | 12307 | 785// | 05708 | 81820 | 87657 | |
| Aldergrove | 917 | 62111 | 82031 | 15508 | 1143/ | 01814 | 81818 | 86359 | |
| Malin | 980 | 71919 | 84032 | 13208 | 785/2 | 01716 | 82820 | 87645 | |
| Belmullet | 976 | 81820 | 78022 | 11208 | 7647/ | 05715 | 85718 | 85638 | 88459 |
| Birr | 965 | 51813 | 83031 | 15409 | 525/2 | 01814 | 85823 | | |
| Dublin | 969 | 22111 | 84031 | 16309 | 21502 | 51713 | 82820 | | |
| Shannon | 962 | 71913 | 84031 | 14909 | 3857/ | 04713 | 81822 | 83650 | 86459 |
| Roches Point | 952 | 71815 | 80038 | 17109 | 48432 | 06809 | 84817 | 83075 | |
| Valentia | 953 | 81816 | 62616 | 14608 | 864// | 06712 | 85718 | 88635 | |

## OBSERVATIONS at 18h. 18 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72310 | 84031 | 19606 | 757// | 51501 | 87650 | | |
| Hurn | 862 | 62209 | 78012 | 20307 | 65600 | 00001 | 81630 | 85656 | |
| Manston | 797 | 72309 | 68022 | 19305 | 65731 | 50503 | 81650 | 86657 | |
| Gatwick | 776 | 72510 | 80022 | 19606 | 2463/ | 50501 | 81830 | 87358 | |
| Kew | 775 | 72508 | 75032 | 19007 | 58631 | 53502 | 81840 | 85650 | 87362 |
| Heathrow | 772 | 72406 | 80021 | 19007 | 4563/ | 51501 | 81645 | 84656 | 87360 |
| Honington | 586 | 72405 | 80012 | 17905 | 25778 | 51503 | 82656 | 86360 | 87272 |
| Wattisham | 590 | 72408 | 80012 | 18105 | 2577/ | 51504 | 82650 | 87360 | |
| Gorleston | 497 | 82310 | 66022 | 17706 | 8097/ | 51508 | 88360 | | |
| Aberporth | 502 | 71910 | 86022 | 17007 | 746// | 03706 | 82830 | 86640 | |
| Filton | 628 | 72507 | 70031 | 19107 | 785// | 02504 | 81825 | 87635 | |
| Rhoose | 715 | 72308 | 84021 | 18807 | 7867/ | 02805 | 81830 | 87656 | |
| Hartland Point | 703 | 62618 | 89022 | 18408 | 1257/ | 03505 | 81825 | 86360 | |
| Mount Batten | 827 | 22313 | 84011 | 20108 | 28500 | 04604 | 81820 | | |
| St.Mawgan | 817 | 72113 | 84028 | 19308 | 785// | 04706 | 81824 | 87636 | |
| Scilly | 804 | 62118 | 81011 | 18409 | 38532 | 07712 | 81820 | 85360 | |
| Culdrose | 809 | 62312 | 81031 | 19608 | 18430 | 06609 | 81818 | 86360 | |
| Guernsey | 894 | 72408 | 84031 | 22306 | 68532 | 01304 | 81820 | 86640 | |
| Elmdon | 534 | 72411 | 75028 | 17507 | 756// | 52603 | 81630 | 87645 | |
| Cardington | 559 | 72510 | 70021 | 18107 | 2563/ | 00504 | 82640 | 87363 | |
| Wittering | 462 | 82408 | 82031 | 17306 | 5577/ | 01503 | 85656 | 88359 | |
| Watnall | 354 | 72307 | 65022 | 16907 | 4567/ | 00701 | 81635 | 83650 | 87358 |
| Shawbury | 414 | 52511 | 82022 | 17107 | 48504 | 02400 | 82828 | 83640 | |
| Finningley | 360 | 72405 | 65012 | 16207 | 65632 | 01501 | 83630 | 85656 | 87075 |
| Spurn Point | 396 | 70000 | 40012 | 16306 | 5567/ | 02502 | 85630 | 87360 | |
| Leeming | 257 | 72505 | 89022 | 15506 | 28642 | 01501 | 81830 | 87362 | |
| Tynemouth | 262 | 62707 | 69022 | 14807 | 6097/ | 53302 | 86359 | | |
| Carlisle | 222 | 62508 | 86022 | 14506 | 12631 | 02604 | 81830 | 85362 | |
| Valley | 302 | 61922 | 82021 | 15807 | 68400 | 05711 | 81815 | 85626 | |
| Ringway | 334 | 62706 | 75012 | 16407 | 686/2 | 01603 | 81830 | 86640 | |
| Squires Gate | 318 | 72407 | 75032 | 15706 | 7853/ | 05708 | 81825 | 87645 | |
| Ronaldsway | 204 | 52216 | 82011 | 14307 | 48401 | 05613 | 81715 | 84650 | |
| Mull of Galloway | 131 | 62022 | 82031 | 13307 | 656// | 05713 | 86630 | | |
| Eskdalemuir | 162 | 42107 | 83011 | 14004 | 28530 | 52801 | 81825 | 84363 | |
| Prestwick | 135 | 72111 | 80031 | 13107 | 785// | 51811 | 81820 | 87645 | |
| Abbotsinch | 140 | 22408 | 80011 | 12606 | 28500 | 00506 | 81825 | | |
| Leuchars | 171 | 72406 | 82022 | 12506 | 5564/ | 01501 | 83645 | 84656 | |
| Dyce | 091 | 72705 | 82031 | 11306 | 1565/ | 00500 | 81640 | 87360 | |
| Lerwick | 005 | 72411 | 30219 | 08206 | 6522/ | 05208 | 82703 | 85618 | 87459 |
| Wick | 075 | 62004 | 89021 | 09907 | 1853/ | 03302 | 81825 | 86362 | |
| Sule Skerry | 010 | 72520 | 82032 | 08907 | 3253/ | 05704 | 83820 | 87360 | |
| Cape Wrath | 049 | 42724 | 80011 | 07406 | 25530 | 04710 | 82625 | 84360 | |
| Stornoway | 026 | 62121 | 81012 | 07906 | 3547/ | 03709 | 81616 | 83636 | 85361 |
| Benbecula | 022 | 81818 | 80216 | 07806 | 854// | 04710 | 82712 | 85619 | 88640 |
| Tiree | 100 | 71619 | 87012 | 09307 | 7851/ | 05713 | 81820 | 83624 | 87650 |
| Aldergrove | 917 | 71710 | 82031 | 11909 | 785// | 01716 | 81824 | 87635 | |
| Malin | 980 | 71820 | 84216 | 09509 | 5547/ | 03718 | 81718 | 85645 | 87458 |
| Belmullet | 976 | 62411 | 67256 | 09408 | 684// | 07213 | 82718 | 85640 | |
| Birr | 965 | 81806 | 60606 | 12308 | 6642/ | 06607 | 86710 | 88458 | |
| Dublin | 969 | 62011 | 82031 | 13009 | 5853/ | 03612 | 81826 | 85640 | 85360 |
| Shannon | 962 | 62702 | 60215 | 12408 | 6533/ | 08605 | 81706 | 85630 | |
| Roches Point | 952 | 82010 | 30616 | 13508 | 863// | 07713 | 88706 | | |
| Valentia | 953 | 32705 | 70026 | 13909 | 38500 | 07112 | 82821 | | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00091 | 086 | + | + |
| Hurn | 862 | 00091 | 072 | + | + |
| Manston | 797 | 00080 | 056 | + | + |
| Gatwick | 776 | 00081 | 058 | + | + |
| Kew | 775 | 00080 | 066 | + | + |
| Heathrow | 772 | 00091 | 062 | + | + |
| Honington | 586 | 00076 | 027 | + | + |
| Wattisham | 590 | 00071 | 065 | + | + |
| Gorleston | 497 | | 025 | | |
| Aberporth | 502 | 00091 | 065 | + | + |
| Filton | 628 | 00091 | 089 | + | + |
| Rhoose | 715 | 00091 | 064 | + | + |
| Hartland Point | 703 | 00080 | 063 | | |
| Mount Batten | 827 | 00091 | 066 | + | + |
| St.Mawgan | 817 | 97101 | 041 | pr. | + |
| Scilly | 804 | 01112 | 053 | + | r.r. |
| Culdrose | 809 | 97091 | 076 | + | ir. |
| Guernsey | 894 | 91081 | 082 | jp | ir. |
| Elmdon | 534 | 97081 | 054 | + | pr. |
| Cardington | 559 | 00091 | 057 | + | + |
| Wittering | 462 | 00091 | 029 | + | + |
| Watnall | 354 | 00081 | 017 | + | + |
| Shawbury | 414 | 00101 | 033 | + | + |
| Finningley | 360 | 97081 | 008 | pr. | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00071 | 024 | + | + |
| Tynemouth | 262 | 00081 | 004 | + | + |
| Carlisle | 222 | 00081 | 026 | + | + |
| Valley | 302 | 00090 | 070 | + | + |
| Ringway | 334 | 97081 | 011 | pr. | + |
| Squires Gate | 318 | 92081 | 040 | pr.pr | + |
| Ronaldsway | 204 | 00081 | 080 | + | + |
| Mull of Galloway | 131 | 00081 | | | |
| Eskdalemuir | 162 | 00061 | 002 | + | + |
| Prestwick | 135 | 00091 | 042 | + | + |
| Abbotsinch | 140 | 00091 | 043 | + | + |
| Leuchars | 171 | 00091 | 028 | + | + |
| Dyce | 091 | 00091 | 039 | + | + |
| Lerwick | 005 | 95071 | 014 | pr.tlr | r.r. |
| Wick | 075 | 00091 | 021 | + | + |
| Sule Skerry | 010 | 00080 | | | |
| Cape Wrath | 049 | 00061 | 003 | + | + |
| Stornoway | 026 | 00091 | 022 | + | + |
| Benbecula | 022 | 91081 | 003 | + | ir.id. |
| Tiree | 100 | 97081 | 001 | pr. | + |
| Aldergrove | 917 | 97101 | 078 | + | r. |
| Malin | 980 | 9711 | 027 | | |
| Belmullet | 976 | 0109 | 001 | | |
| Birr | 965 | 9211 | 067 | | |
| Dublin | 969 | 0011 | 087 | | |
| Shannon | 962 | 0510 | 035 | | |
| Roches Point | 952 | 0210 | 035 | | |
| Valentia | 953 | 0310 | 029 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

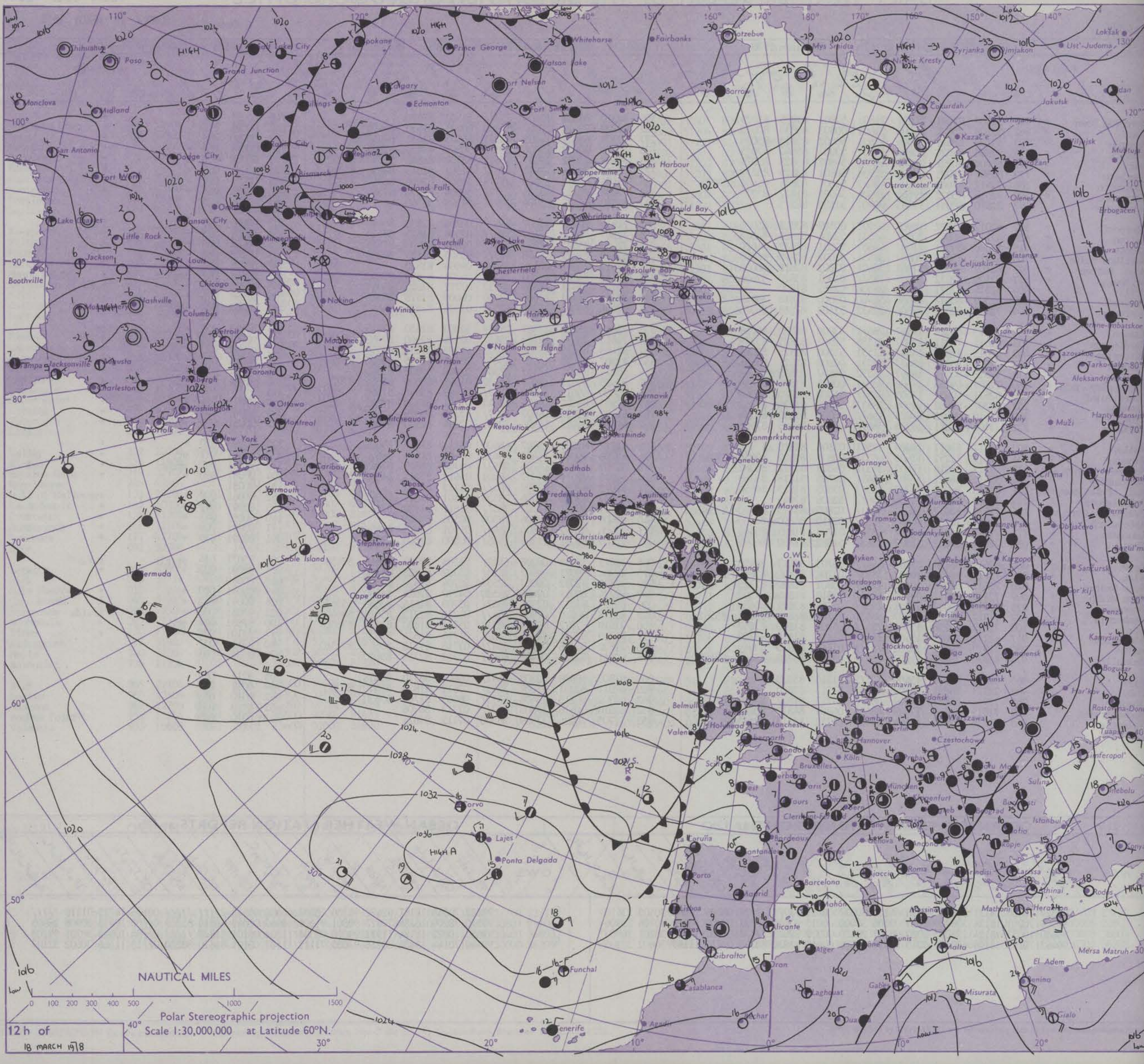
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 18121 | 81813 | 94616 | 84108 | 8732/ | 007130 | ///// | ///// | 00408 | 10689 | 30405 | 23410 |
| L | 99569 | 70201 | 18124 | 32620 | 98011 | 03506 | 38400 | 00015 | 83814 | ///// | 0//03 | 10932 | 30704 | 21906 |
| M | 99653 | 10023 | 18124 | 22805 | 98020 | 06701 | 22400 | 00312 | 82815 | ///// | 0//51 | 10622 | 30201 | 36803 |
| R | 99463 | 70149 | 18124 | 62813 | 97015 | 22311 | 48530 | 00218 | 83820 | 83360 | 0//10 | 11167 | 30602 | 32106 |

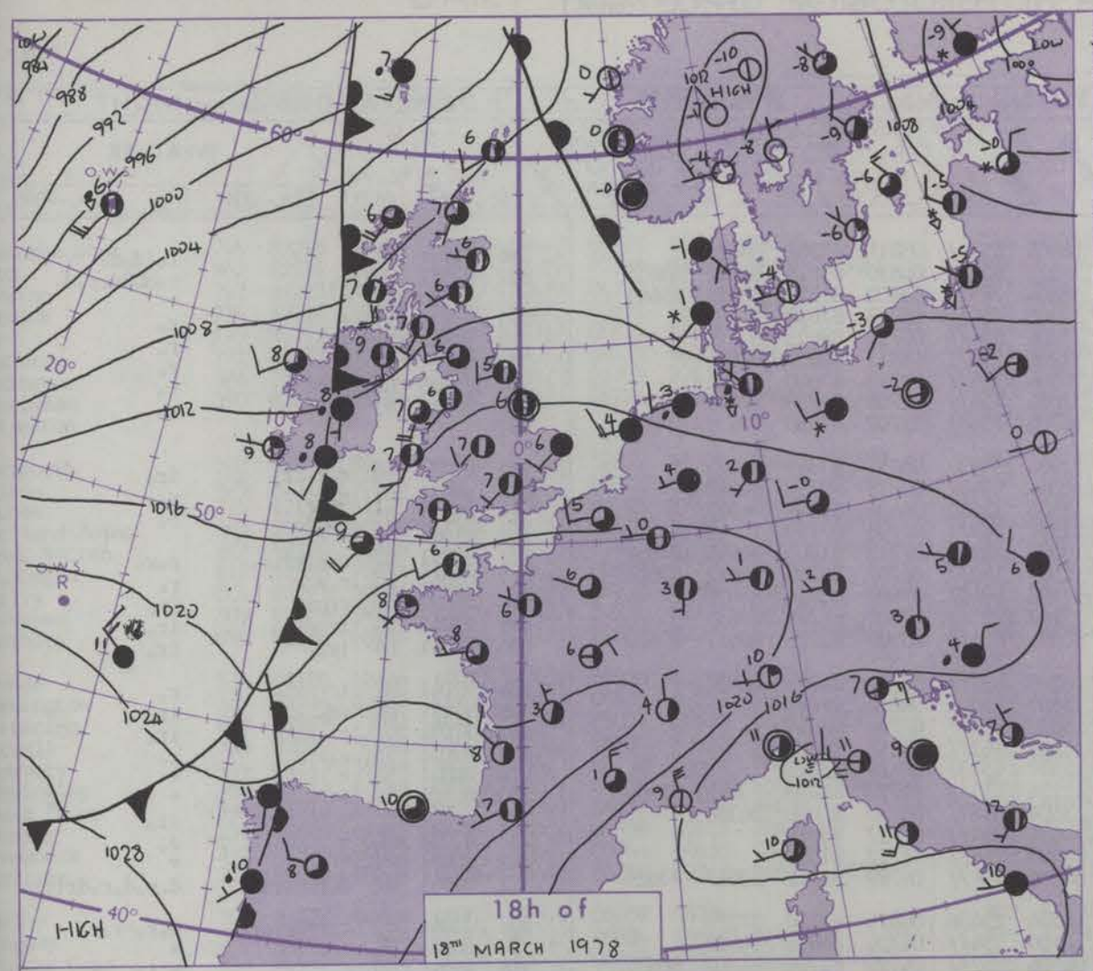
## OCEAN WEATHER STATION REPORTS at 18h.

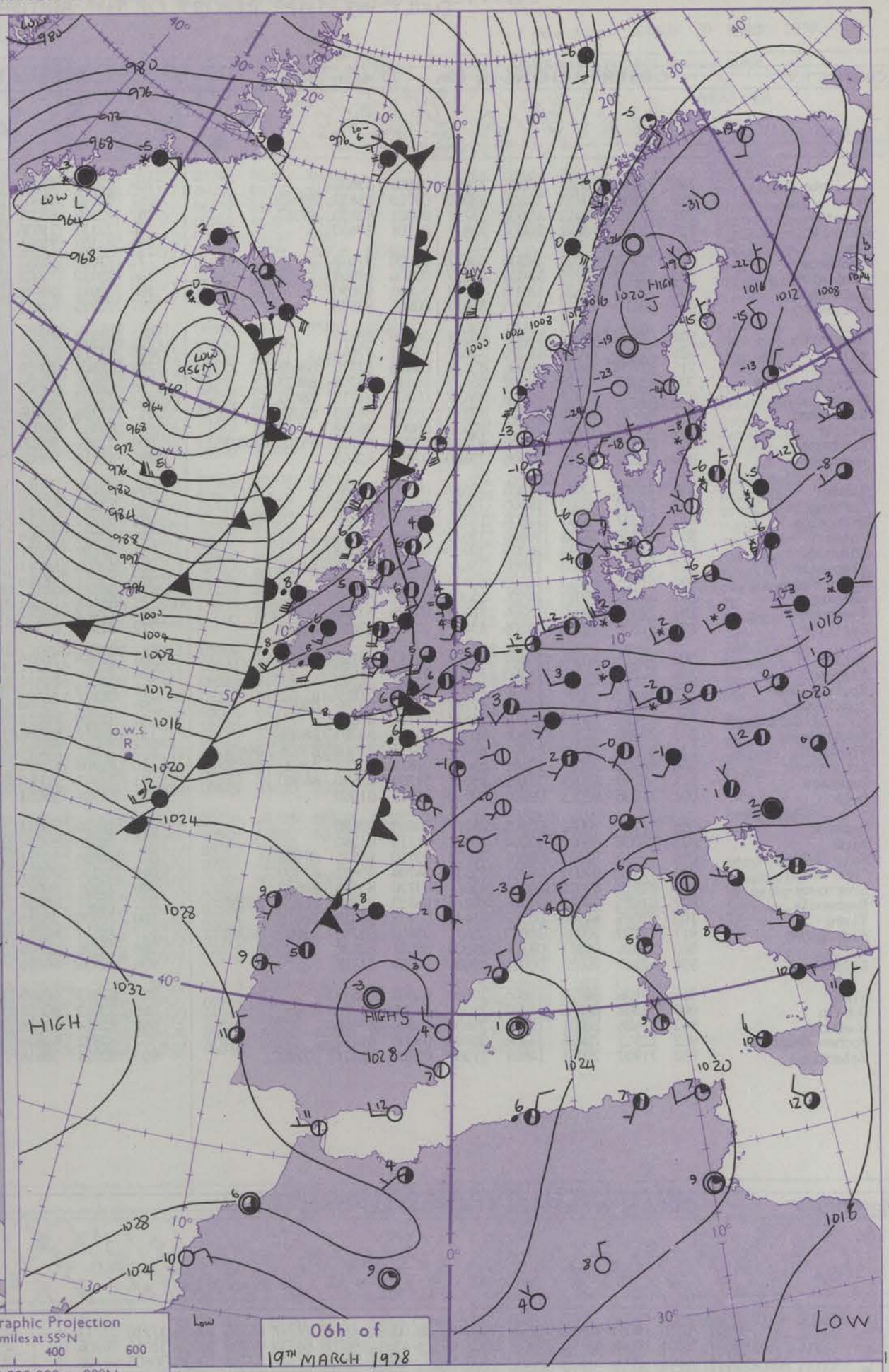
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 18181 | 62432 | 94106 | 78207 | 66400 | 00513 | ///// | ///// | 00106 | 10725 | 31416 | ///// |
| L | 99570 | 70200 | 18184 | 72127 | 98801 | 97506 | 68462 | 00849 | 84816 | 85359 | 0//00 | 10953 | 30908 | 26905 |
| M | 99653 | 10022 | 18184 | 11912 | 99010 | 07501 | 11501 | 00101 | 81820 | ///// | 0//54 | 10605 | 30201 | 99/03 |
| R | 99460 | 70144 | 18184 | 83216 | 97032 | 23111 | 11507 | 00101 | 81820 | 88270 | 0//10 | 11166 | 30602 | 32107 |

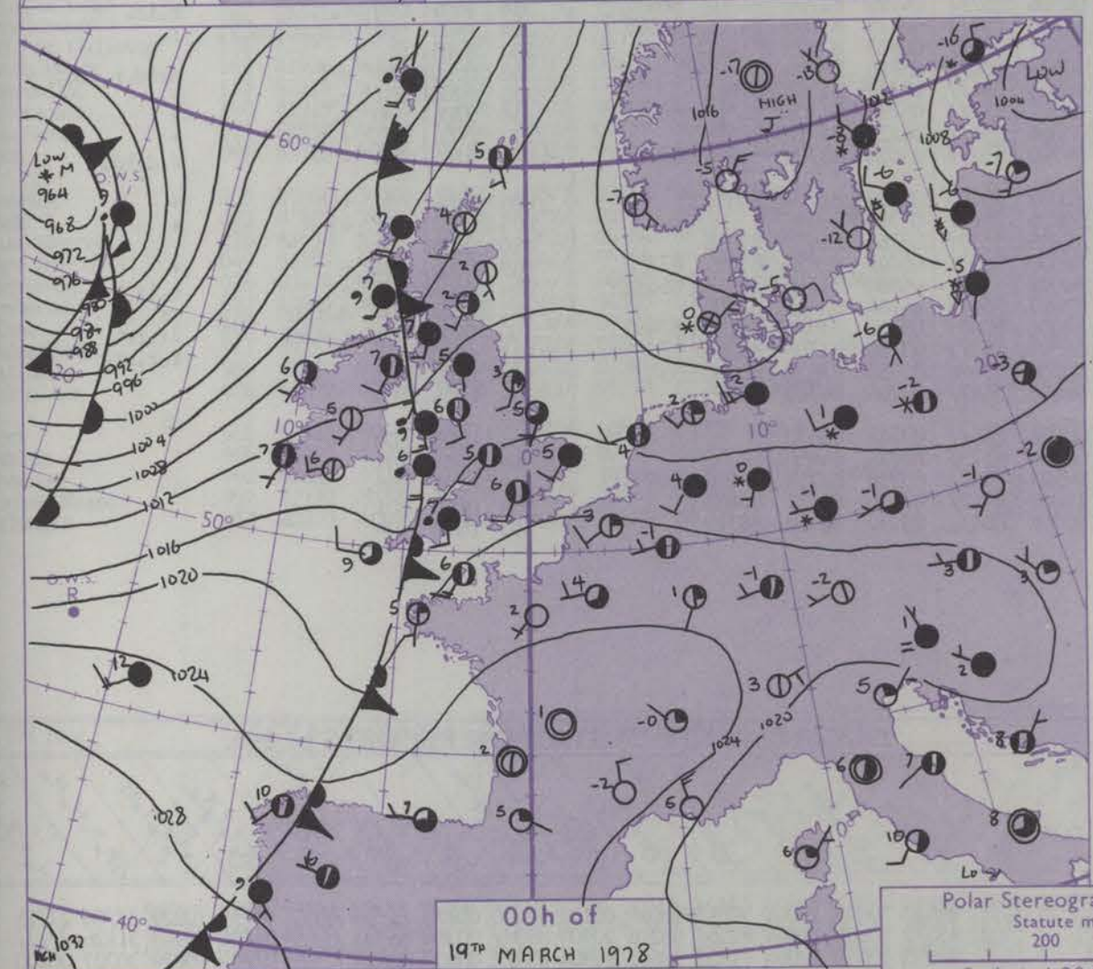
All times of observation printed in this publication are GREENWICH MEAN TIME.

## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
19TH MARCH 1978

Issued at midday SUNDAY 19 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

A weakening occluded trough from west Iceland to about 200 miles west of Ireland has moved steadily east and now extends from the Faeroes to the Brest Peninsula. A very deep depression has moved rapidly northeast and is now centred about 200 miles south of Iceland. Associated frontal troughs have moved rather quickly across the Atlantic and now extend from south Iceland to just off western Ireland.

During the next 24 hours the deep depression will move rather quickly northwards across Iceland and its associated cold front will move rather quickly eastwards, clearing the British Isles by tomorrow morning. It will be followed by a strong to gale unstable westerly airstream across all parts of the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

## Code FM 11.V — OBSERVATIONS at 00h. 19 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32011 | 83021 | 19503 | 35600 | 01801 | 83638 | | |
| Hurn | 862 | 42106 | 70016 | 20106 | 48600 | 03703 | 81830 | 84645 | |
| Manston | 797 | 72311 | 70012 | 19604 | 2573/ | 00001 | 82650 | 87359 | |
| Gatwick | 776 | 72306 | 70022 | 20004 | 756// | 01101 | 87640 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 72109 | 65022 | 19306 | 756// | 02000 | 87648 | | |
| Honington | 586 | 72209 | 70022 | 18004 | 756// | 00400 | 87648 | | |
| Wattisham | 590 | 72410 | 70022 | 18203 | 757// | 51801 | 87650 | | |
| Gorleston | 497 | 82410 | 66022 | 17605 | 856// | 00801 | 88630 | | |
| Aberporth | 502 | 81820 | 62616 | 14306 | 855// | 06716 | 88620 | | |
| Filton | 628 | 72210 | 74031 | 18706 | 756// | 03801 | 87645 | | |
| Rhoose | 715 | 81709 | 75601 | 18006 | 854// | 04803 | 82710 | 88628 | |
| Hartland Point | 703 | 82422 | 74216 | 16307 | 853// | 06811 | 85708 | 88625 | |
| Mount Batten | 827 | 82316 | 62611 | 19508 | 854// | 05804 | 81710 | 88627 | |
| St.Mawgan | 817 | 81916 | 57616 | 18606 | 872// | 05704 | 86703 | 88708 | |
| Scilly | 804 | 62711 | 69256 | 18209 | 6093/ | 08002 | 86358 | | |
| Culdrose | 809 | 82219 | 56636 | 18407 | 6712/ | 07808 | 83702 | 85705 | 88508 |
| Guernsey | 894 | 22214 | 78016 | 22306 | 25600 | 02801 | 82645 | | |
| Elmdon | 534 | 72110 | 70022 | 17505 | 756// | 01802 | 87634 | | |
| Cardington | 559 | 72210 | 70022 | 18105 | 756// | 02801 | 87648 | | |
| Wittering | 462 | 72307 | 75032 | 17604 | 757// | 00400 | 87650 | | |
| Watnall | 354 | 72106 | 56021 | 16904 | 756// | 01804 | 87631 | | |
| Shawbury | 414 | 21705 | 75011 | 16305 | 20930 | 03805 | 82358 | | |
| Finningley | 360 | 71805 | 50041 | 15902 | 756// | 00804 | 81635 | 87650 | |
| Spurn Point | 396 | 61905 | 61012 | 16405 | 6097/ | 02801 | 86360 | | |
| Leeming | 257 | 41510 | 84011 | 14504 | 45600 | 02808 | 84632 | | |
| Tynemouth | 262 | 72007 | 69022 | 14204 | 7097/ | 00809 | 87358 | | |
| Carlisle | 222 | 81802 | 75031 | 13505 | 854// | 01702 | 82616 | 88633 | |
| Valley | 302 | 81716 | 40586 | 13807 | 871// | 07713 | 85702 | 88708 | |
| Ringway | 334 | 52008 | 65011 | 15805 | 55600 | 02704 | 85630 | | |
| Squires Gate | 318 | 71710 | 70032 | 14606 | 756// | 04706 | 87630 | | |
| Ronaldsway | 204 | 82115 | 59511 | 12507 | 872// | 06708 | 85704 | 88705 | |
| Mull of Galloway | 131 | 72125 | 75022 | 11007 | 755// | 06711 | 87625 | | |
| Eskdalemuir | 162 | 82008 | 35101 | 12504 | 862// | 04710 | 84703 | 88706 | |
| Prestwick | 135 | 81911 | 75031 | 10507 | 854// | 04715 | 81618 | 83626 | 86632 |
| Abbotsinch | 140 | 80603 | 70021 | 10505 | 854// | 01814 | 82715 | 85620 | 88630 |
| Leuchars | 171 | 52109 | 82021 | 11102 | 35630 | 51709 | 83630 | 84360 | |
| Dyce | 091 | 11606 | 82021 | 09802 | 10930 | 51812 | 81360 | | |
| Lerwick | 005 | 71707 | 70022 | 07905 | 757// | 04603 | 87650 | | |
| Wick | 075 | 12008 | 86021 | 07704 | 10941 | 01715 | 81360 | | |
| Sule Skerry | 010 | 71615 | 81022 | 06506 | 3557/ | 03710 | 83625 | 87358 | |
| Cape Wrath | 049 | 72312 | 84031 | 05706 | 5553/ | 04704 | 85625 | 87360 | |
| Stornoway | 026 | 81919 | 80022 | 04307 | 854// | 03720 | 83714 | 88630 | |
| Benbecula | 022 | 81615 | 50515 | 03606 | 862// | 06823 | 82705 | 86707 | 88710 |
| Tiree | 100 | 82019 | 64502 | 04307 | 854// | 07728 | 86613 | 88618 | |
| Aldergrove | 917 | 72109 | 70016 | 10607 | 4543/ | 05803 | 82710 | 83640 | 86360 |
| Malin | 980 | 21914 | 84011 | 08106 | 25600 | 05001 | 82638 | | |
| Belmullet | 976 | 42107 | 70021 | 09006 | 48400 | 04809 | 81718 | | |
| Birr | 965 | 12106 | 66026 | 13005 | 15600 | 04007 | 81633 | | |
| Dublin | 969 | 72308 | 80216 | 11907 | 754// | 06706 | 84710 | 86650 | |
| Shannon | 962 | 22408 | 70031 | 13406 | 25600 | 05801 | 82640 | | |
| Roches Point | 952 | 12512 | 70016 | 14706 | 00901 | 05000 | 81072 | | |
| Valentia | 953 | 71907 | 70031 | 14407 | 11506 | 05804 | 81821 | 87270 | |

## OBSERVATIONS at 06h. 19 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82016 | 75601 | 16805 | 853// | 03811 | 83709 | 88620 | |
| Hurn | 862 | 82010 | 75601 | 17507 | 854// | 04810 | 81618 | 84622 | 88635 |
| Manston | 797 | 72108 | 80022 | 18804 | 785// | 03802 | 81820 | 83630 | 86645 |
| Gatwick | 776 | 72111 | 75036 | 17906 | 756// | 03713 | 87630 | | |
| Kew | 775 | 82107 | 75216 | 17206 | 855// | 03711 | 88625 | | |
| Heathrow | 772 | 72009 | 75212 | 17206 | 755// | 03812 | 86624 | 87646 | |
| Honington | 586 | 72010 | 75602 | 16504 | 756// | 02710 | 87640 | | |
| Wattisham | 590 | 72011 | 68036 | 17004 | 756// | 02708 | 81630 | 87645 | |
| Gorleston | 497 | 72210 | 64012 | 16705 | 756// | 02707 | 87630 | | |
| Aberporth | 502 | 52013 | 65036 | 12906 | 30932 | 05711 | 83365 | 84075 | |
| Filton | 628 | 62211 | 72016 | 16006 | 65402 | 05811 | 82714 | 84640 | |
| Rhoose | 715 | 41806 | 70016 | 15605 | 15431 | 04608 | 81618 | 84075 | |
| Hartland Point | 703 | 72414 | 70036 | 15307 | 764// | 07708 | 87710 | | |
| Mount Batten | 827 | 72507 | 63036 | 16407 | 4523/ | 07712 | 81705 | 84640 | 87359 |
| St.Mawgan | 817 | 72206 | 50106 | 16507 | 752// | 06707 | 83703 | 84612 | 87635 |
| Scilly | 804 | 82513 | 64021 | 17208 | 884// | 07603 | 85814 | 88620 | |
| Culdrose | 809 | 72306 | 30106 | 17107 | 753// | 07603 | 81708 | 87635 | |
| Guernsey | 894 | 82116 | 68606 | 20306 | 854// | 03503 | 82710 | 85617 | 87633 |
| Elmdon | 534 | 62113 | 65016 | 14305 | 653// | 03614 | 81709 | 86630 | |
| Cardington | 559 | 82112 | 65216 | 15805 | 855// | 04813 | 88625 | | |
| Wittering | 462 | 81911 | 80216 | 15005 | 854// | 03716 | 88614 | | |
| Watnall | 354 | 82010 | 57046 | 13605 | 863// | 03618 | 88708 | | |
| Shawbury | 414 | 71809 | 75011 | 12507 | 6543/ | 04614 | 85616 | | |
| Finningley | 360 | 61608 | 60011 | 12204 | 655// | 02723 | 81620 | 83625 | 85650 |
| Spurn Point | 396 | 72011 | 58216 | 13504 | 6567/ | 03720 | 86630 | 86360 | |
| Leeming | 257 | 81712 | 75031 | 10604 | 854// | 02727 | 88618 | | |
| Tynemouth | 262 | 72012 | 69022 | 10205 | 756// | 01722 | 87630 | | |
| Carlisle | 222 | 71512 | 67216 | 08006 | 754// | 04729 | 82712 | 83617 | 87623 |
| Valley | 302 | 72018 | 70036 | 10206 | 25406 | 06815 | 81710 | 87270 | |
| Ringway | 334 | 71914 | 65011 | 11106 | 754// | 04724 | 84614 | 86622 | |
| Squires Gate | 318 | 82213 | 57216 | 09806 | 852// | 06723 | 82704 | 84708 | 86615 |
| Ronaldsway | 204 | 72415 | 65016 | 08406 | 752// | 05518 | 81705 | 84706 | 86645 |
| Mull of Galloway | 131 | 72320 | 70012 | 06507 | 755// | 06833 | 87625 | | |
| Eskdalemuir | 162 | 81812 | 05506 | 07205 | 870// | 05826 | 88701 | | |
| Prestwick | 135 | 72012 | 75016 | 05306 | 754// | 05729 | 81712 | 87642 | |
| Abbotsinch | 140 | 81908 | 62026 | 04507 | 853// | 05733 | 81708 | 86710 | 88645 |
| Leuchars | 171 | 71511 | 70012 | 05306 | 754// | 04731 | 84712 | 87618 | |
| Dyce | 091 | 81511 | 59051 | 04704 | 852// | 03828 | 83705 | 86706 | 88611 |
| Lerwick | 005 | 31624 | 70011 | 02005 | 35400 | 02833 | 81710 | 83656 | |
| Wick | 075 | 71616 | 82031 | 00605 | 756// | 02748 | 87640 | | |
| Sule Skerry | 010 | 71628 | 81031 | 97306 | 1557/ | 03761 | 81625 | 87358 | |
| Cape Wrath | 049 | 72318 | 80012 | 96306 | 6853/ | 05749 | 82820 | 85625 | 87360 |
| Stornoway | 026 | 71929 | 80022 | 94007 | 754// | 05860 | 81712 | 83618 | 86632 |
| Benbecula | 022 | 71827 | 65026 | 93407 | 754// | 04764 | 83615 | 87650 | |
| Tiree | 100 | 71930 | 75016 | 98406 | 6547/ | 05750 | 81615 | 86635 | 87460 |
| Aldergrove | 917 | 71812 | 62041 | 05305 | 16372 | 03738 | 81708 | 83360 | 87075 |
| Malin | 980 | 71826 | 82606 | 00506 | 7562/ | 03750 | 83632 | 86648 | 85459 |
| Belmullet | 976 | 81934 | 64616 | 98308 | 5647/ | 07764 | 84718 | 88459 | |
| Birr | 965 | 81913 | 60606 | 07006 | 856// | 03741 | 88630 | | |
| Dublin | 969 | 72012 | 80021 | 08006 | 4573/ | 03728 | 84650 | 87360 | |
| Shannon | 962 | 81814 | 65616 | 07207 | 6547/ | 06738 | 82715 | 85628 | 87458 |
| Roches Point | 952 | 81922 | 62616 | 11008 | 4742/ | 07626 | 84711 | 88458 | |
| Valentia | 953 | 82021 | 58616 | 07708 | 864// | 08737 | 86710 | 88715 | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97021 | 51 | + | $r_o$ $i$ $d_o$ $d_o$ |
| Hurn | 862 | 01051 | 02 | $r_o$ | $r_o$ $d$ $D$ $R$ $d_o$ $r_o$ $d_o$ |
| Manston | 797 | 00030 | 02 | + | + |
| Gatwick | 776 | 97031 | 52 | + | $r_o$ |
| Kew | 775 | 97041 | 51 | + | $r_o$ |
| Heathrow | 772 | 97061 | 00 | + | $r_o$ |
| Honington | 586 | 97045 | 01 | + | $r_o$ |
| Wattisham | 590 | 97021 | 51 | $r_o$ | $r_o$ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 97051 | 04 | $r_o$ $r_o$ $i$ $r_o$ | $i$ $r_o$ |
| Filton | 628 | 97051 | 01 | $r_o$ $r_o$ | $r_o$ |
| Rhoose | 715 | 01051 | 03 | $r_o$ $r$ $r_o$ | $r_o$ |
| Hartland Point | 703 | 91061 | 05 | | |
| Mount Batten | 827 | 01071 | 03 | $r_o$ $r_o$ $r$ $r_o$ $r_o$ | $r_o$ $r_o$ |
| St.Mawgan | 817 | 02061 | 03 | $r_o$ $r_o$ $r$ | $r_o$ |
| Scilly | 804 | 04072 | 05 | r r p r | $i$ $r_o$ |
| Culdrose | 809 | 03062 | 04 | $i$ $r_o$ $r$ $r$ | $i$ $r_o$ |
| Guernsey | 894 | 93061 | 04 | $i$ $r_o$ | $i$ $r_o$ |
| Elmdon | 534 | 97041 | 01 | + | $r_o$ |
| Cardington | 559 | 97031 | 00 | $i$ $d_o$ | $i$ $r_o$ |
| Wittering | 462 | 97031 | 01 | + | $i$ $r_o$ |
| Watnall | 354 | 97031 | 53 | $r_o$ | $r_o$ |
| Shawbury | 414 | 00041 | 51 | + | + |
| Finningley | 360 | 00501 | 54 | + | + |
| Spurn Point | 396 | | | + | $i$ $r_o$ |
| Leeming | 257 | 97031 | 00 | + | $d_o$ |
| Tynemouth | 262 | 00031 | 01 | + | + |
| Carlisle | 222 | 01041 | 02 | $d_o$ $r_o$ $d_o$ $r_o$ | $d_o$ $r_o$ $d_o$ $r_o$ $d$ $r$ $i$ $r_o$ |
| Valley | 302 | 03061 | 05 | $r_o$ $r$ $d_o$ $r_o$ $d$ $r$ | $d_o$ $r_o$ $-$ $r_o$ $r$ |
| Ringway | 334 | 00031 | 01 | + | + |
| Squires Gate | 318 | 91041 | 00 | $r_o$ | $r_o$ $i$ $r_o$ |
| Ronaldsway | 204 | 94061 | 04 | $d_o$ $d_o$ $d_o$ $r_o$ $d_o$ $r_o$ | $r_o$ |
| Mull of Galloway | 131 | 97051 | | | |
| Eskdalemuir | 162 | 03001 | 55 | d r f | d r f $d_o$ $r_o$ f f $d_o$ r |
| Prestwick | 135 | 97031 | 01 | $r_o$ | $r_o$ |
| Abbotsinch | 140 | 97041 | 00 | $r_o$ | + |
| Leuchars | 171 | 00011 | 53 | + | + |
| Dyce | 091 | 91011 | 52 | + | $d_o$ $d_o$ $i$ $d_o$ |
| Lerwick | 005 | 00041 | 02 | + | + |
| Wick | 075 | 00031 | 51 | + | + |
| Sule Skerry | 010 | 00051 | 04 | | |
| Cape Wrath | 049 | 00051 | 04 | + | + |
| Stornoway | 026 | 04042 | 04 | + | $r_o$ $i$ $r_o$ r r |
| Benbecula | 022 | 06051 | 04 | $d_o$ $d_o$ d r | r r |
| Tiree | 100 | 04051 | 04 | $d_o$ $d_o$ $r_o$ | $i$ $r_o$ r r |
| Aldergrove | 917 | 01041 | 03 | + | $r_o$ $r_o$ r $r_o$ |
| Malin | 980 | 9705 | 04 | | |
| Belmullet | 976 | 0306 | 03 | | |
| Birr | 965 | 0204 | 00 | | |
| Dublin | 969 | 9105 | 01 | | |
| Shannon | 962 | 0105 | 51 | | |
| Roches Point | 952 | 9405 | 01 | | |
| Valentia | 953 | 0506 | 04 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 19001 | 72817 | 97258 | 97102 | 73400 | 00261 | ///// | ///// | 05755 | 10628 | 3//10 | 27/17 |
| L | 99572 | 70201 | 19004 | 81750 | 97616 | 72708 | 6732/ | 41814 | 286706 | 88530 | 0//08 | 10955 | 31012 | 26906 |
| M | 99654 | 10021 | 19004 | 51828 | 98031 | 05503 | 55500 | 00812 | 85625 | ///// | 0//53 | 10620 | 30605 | 99/02 |
| R | 99460 | 70145 | 19004 | 82416 | 97032 | 24011 | 60977 | 00601 | 86360 | 88273 | 0//10 | 11177 | 30000 | 27905 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 19061 | 52813 | 98018 | 02102 | 52500 | 00110 | ///// | ///// | 05755 | 10629 | 3//06 | 27/15 |
| L | 99570 | 70201 | 19064 | 82567 | 93216 | 70904 | 873// | 00364 | 88706 | ///// | 0//04 | 10945 | 31126 | ///// |
| M | 99655 | 10020 | 19064 | 81833 | 97602 | 99904 | 854// | 00632 | 88615 | ///// | 0//04 | 10624 | 30707 | 00/00 |
| R | 99462 | 70150 | 19064 | 82418 | 97515 | 20712 | 6742/ | 61709 | 86715 | 88458 | 0//12 | 11172 | 30603 | 27004 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

No. 42487 Date of Issue MONDAY 20 MARCH 1978

## OBSERVATIONS at 12h. 19 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82218 | 80026 | 13608 | 884// | 05721 | 85815 | 88640 | |
| Hurn | 862 | 82214 | 61026 | 14709 | 6542/ | 07718 | 81710 | 86615 | 88461 |
| Manston | 797 | 82223 | 68602 | 16007 | 854// | 04717 | 84614 | 88650 | |
| Gatwick | 776 | 82016 | 59218 | 15106 | 863// | 05821 | 86706 | 88707 | |
| Kew | 775 | 82013 | 65026 | 14107 | 7631/ | 06824 | 87708 | 88462 | |
| Heathrow | 772 | 82012 | 60586 | 14007 | 853// | 06822 | 86707 | 88610 | |
| Honington | 586 | 71916 | 72036 | 12807 | 754/2 | 03725 | 87617 | | |
| Wattisham | 590 | 82013 | 65606 | 13906 | 853// | 04724 | 84709 | 88614 | |
| Gorleston | | | | | | | | | |
| Aberporth | 502 | 82028 | 60616 | 06607 | 7532/ | 07852 | 85708 | 86620 | 88550 |
| Filton | 628 | 82311 | 70616 | 13207 | 7542/ | 05716 | 84614 | 85640 | 88460 |
| Rhoose | 715 | 82111 | 61636 | 12407 | 854// | 05721 | 83619 | 88623 | |
| Hartland Point | 703 | 82530 | 62606 | 11108 | 5532/ | 06833 | 83708 | 85630 | 88460 |
| Mount Batten | 827 | 82220 | 58606 | 14809 | 6737/ | 07817 | 82706 | 86710 | 88459 |
| St.Mawgan | 817 | 82018 | 70216 | 13708 | 7742/ | 06827 | 87710 | 88460 | |
| Scilly | 804 | 82225 | 50026 | 13410 | 853// | 08731 | 86706 | 88617 | |
| Culdrose | 809 | 82323 | 58216 | 13909 | 2842/ | 07831 | 81710 | 88465 | |
| Guernsey | 894 | 82414 | 66026 | 18608 | 851// | 07607 | 82702 | 84707 | 87650 |
| Elmdon | 534 | 82116 | 58636 | 10007 | 3742/ | 05830 | 83710 | 88556 | |
| Cardington | 559 | 81914 | 62022 | 11908 | 854// | 06832 | 83617 | 88625 | |
| Wittering | 462 | 81919 | 75031 | 10308 | 51457 | 05832 | 85816 | 83362 | 88270 |
| Watnall | 354 | 82017 | 50602 | 08907 | 3542/ | 05834 | 83615 | 88460 | |
| Shawbury | 414 | 82117 | 59616 | 08107 | 854// | 05732 | 84614 | 88620 | |
| Finningley | 360 | 81917 | 65031 | 07309 | 6557/ | 04838 | 83620 | 85656 | 88462 |
| Spurn Point | 396 | 81912 | 65022 | 08509 | 855// | 04737 | 84720 | 88635 | |
| Leeming | 257 | 82020 | 67605 | 04707 | 5542/ | 04839 | 85618 | 88459 | |
| Tynemouth | 262 | 81820 | 66022 | 02208 | 4567/ | 03744 | 84630 | 88358 | |
| Carlisle | 222 | 82012 | 65636 | 00006 | 7542/ | 04760 | 82713 | 86620 | 88556 |
| Valley | 302 | 81838 | 60606 | 02807 | 873// | 06859 | 88706 | | |
| Ringway | 334 | 82015 | 59636 | 07207 | 6542/ | 05834 | 86618 | 88540 | |
| Squires Gate | 318 | 81922 | 59616 | 04206 | 5842/ | 06848 | 81816 | 85620 | 88457 |
| Ronaldsway | 204 | 82134 | 30622 | 99207 | 873// | 06764 | 83708 | 88711 | |
| Mull of Galloway | 131 | 82145 | 57616 | 95306 | 872// | 06776 | 82705 | 88710 | |
| Eskdalemuir | 162 | 81926 | 40656 | 99004 | 873// | 03652 | 88707 | | |
| Prestwick | 135 | 82119 | 56616 | 94306 | 7532/ | 05769 | 81706 | 85614 | 86626 |
| Abbotsinch | 140 | 81919 | 40636 | 93806 | 6742/ | 04768 | 82710 | 86714 | 88540 |
| Leuchars | 171 | 81918 | 66612 | 96006 | 5542/ | 03757 | 85616 | 88459 | |
| Dyce | 091 | 81723 | 60606 | 95006 | 5732/ | 04754 | 81708 | 85712 | 88457 |
| Lerwick | 005 | 81640 | 56206 | 91805 | 853// | 03758 | 86706 | 88635 | |
| Wick | 075 | 81625 | 59616 | 89206 | 6532/ | 04765 | 83707 | 85620 | 88550 |
| Sule Skerry | 010 | 81638 | 57616 | 84605 | 6742/ | 05764 | 86715 | 88458 | |
| Cape Wrath | 049 | 81827 | 63636 | 83205 | 4742/ | 05758 | 84712 | 88550 | |
| Stornoway | 026 | 62414 | 65256 | 83306 | 684// | 06832 | 81710 | 84816 | 85635 |
| Benbecula | 022 | 42421 | 70016 | 84608 | 38460 | 04500 | 82816 | | |
| Tiree | 100 | 72418 | 57216 | 88307 | 753// | 07523 | 82708 | 87635 | |
| Aldergrove | 917 | 82115 | 25616 | 95107 | 872// | 07647 | 81703 | 83705 | 88707 |
| Malin | 980 | 52530 | 65216 | 92009 | 4243/ | 07506 | 82712 | | |
| Belmullet | 976 | 62422 | 69018 | 96610 | 5343/ | 05318 | 81718 | 83920 | |
| Birr | 965 | 82416 | 60615 | 99811 | 7632/ | 10525 | 87709 | 88458 | |
| Dublin | 969 | 82125 | 59606 | 98110 | 864// | 07654 | 84715 | 86620 | |
| Shannon | 962 | 82624 | 57215 | 01511 | 5732/ | 10510 | 83709 | 83714 | 88550 |
| Roches Point | 952 | 82122 | 35586 | 04410 | 861// | 10733 | 88702 | | |
| Valentia | 953 | 82823 | 40615 | 04511 | 862// | 11605 | 88705 | | |

## OBSERVATIONS at 18h. 19 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82222 | 65618 | 04509 | 873// | 07749 | 86706 | 88708 | |
| Hurn | 862 | 82224 | 40516 | 06409 | 853// | 09751 | 86708 | 88620 | |
| Manston | 797 | 82123 | 66615 | 07107 | 6732/ | 06752 | 86708 | 88556 | |
| Gatwick | 776 | 82125 | 45638 | 07307 | 873// | 06742 | 86707 | 88709 | |
| Kew | 775 | 82216 | 58516 | 05208 | 854// | 07748 | 85710 | 88615 | |
| Heathrow | 772 | 82116 | 40586 | 05208 | 873// | 07751 | 81706 | 84708 | 88710 |
| Honington | 586 | 82020 | 40636 | 02707 | 7742/ | 06752 | 86710 | 88530 | |
| Wattisham | 590 | 82118 | 58616 | 04306 | 853// | 06846 | 86706 | 88611 | |
| Gorleston | 497 | 81928 | 40636 | 03807 | 874// | 05751 | 88715 | | |
| Aberporth | 502 | 72528 | 70026 | 02209 | 5847/ | 08506 | 83710 | 85618 | 86462 |
| Filton | 628 | 82521 | 45516 | 04109 | 873// | 09634 | 88706 | | |
| Rhoose | 715 | 82423 | 25626 | 03609 | 871// | 09632 | 83701 | 88702 | |
| Hartland Point | 703 | 82632 | 10616 | 05209 | 872// | 09506 | 88703 | | |
| Mount Batten | 827 | 82618 | 30536 | 08610 | 871// | 09615 | 84702 | 88705 | |
| St.Mawgan | 817 | 82422 | 03596 | 08710 | 870// | 10613 | 88700 | | |
| Scilly | 804 | 82723 | 56026 | 10111 | 863// | 10708 | 88706 | | |
| Culdrose | 809 | 82615 | 01516 | 09709 | 870// | 09507 | 88700 | | |
| Guernsey | 894 | 82324 | 08586 | 12908 | 870// | 08630 | 87700 | | |
| Elmdon | 534 | 82217 | 60605 | 01008 | 873// | 07740 | 87706 | 88712 | |
| Cardington | 559 | 82121 | 60616 | 01908 | 854// | 07653 | 84618 | 86635 | 88656 |
| Wittering | 462 | 82119 | 65506 | 00107 | 852// | 07755 | 83705 | 85709 | 88612 |
| Watnall | 354 | 72219 | 58606 | 98507 | 7737/ | 07745 | 87706 | | |
| Shawbury | 414 | 62523 | 81216 | 99110 | 28442 | 08636 | 82818 | 86075 | |
| Finningley | 360 | 72120 | 63216 | 96708 | 654/2 | 06643 | 84614 | 85656 | 86075 |
| Spurn Point | 396 | 81919 | 60606 | 97707 | 854// | 05760 | 86715 | 88630 | |
| Leeming | 257 | 72720 | 58606 | 95606 | 794// | 04528 | 87915 | | |
| Tynemouth | 262 | 52715 | 80216 | 93008 | 45530 | 04634 | 84625 | | |
| Carlisle | 222 | 62611 | 68806 | 93807 | 68432 | 04002 | 83818 | 85640 | |
| Valley | 302 | 62724 | 70026 | 99809 | 6853/ | 05304 | 81820 | 86627 | |
| Ringway | 334 | 72718 | 60616 | 97509 | 753// | 05531 | 81706 | 87635 | |
| Squires Gate | 318 | 62718 | 65256 | 97208 | 38481 | 06510 | 81818 | 85360 | |
| Ronaldsway | 204 | 52921 | 75256 | 96807 | 58500 | 02314 | 81820 | 85645 | |
| Mull of Galloway | 131 | 33026 | 74158 | 95307 | 39400 | 05502 | 81915 | | |
| Eskdalemuir | 162 | 72516 | 58806 | 93205 | 794// | 01305 | 84912 | 83820 | |
| Prestwick | 135 | 52819 | 65256 | 93305 | 5843/ | 03210 | 81818 | 83630 | 85656 |
| Abbotsinch | 140 | 72615 | 62808 | 91306 | 7943/ | 02105 | 83915 | 84818 | |
| Leuchars | 171 | 22716 | 75026 | 89506 | 28500 | 03304 | 81825 | | |
| Dyce | 091 | 52310 | 86156 | 87607 | 38530 | 03619 | 81820 | 83656 | |
| Lerwick | 005 | 81824 | 40637 | 83404 | 7722/ | 03731 | 84705 | 86707 | 88520 |
| Wick | 075 | 62207 | 70156 | 85005 | 49462 | 03608 | 82915 | 83360 | |
| Sule Skerry | 010 | 62026 | 66018 | 82606 | 695// | 03703 | 86920 | | |
| Cape Wrath | 049 | 62729 | 70908 | 82705 | 694// | 02307 | 86918 | | |
| Stornoway | 026 | 62620 | 56278 | 83704 | 693// | 01308 | 81707 | 85914 | |
| Benbecula | 022 | 52424 | 75258 | 85906 | 59400 | 01211 | 81710 | 84915 | |
| Tiree | 100 | 42623 | 62278 | 89506 | 49400 | 02206 | 81714 | 84920 | |
| Aldergrove | 917 | 52515 | 65258 | 96305 | 53400 | 02013 | 82912 | 84635 | |
| Malin | 980 | 62729 | 65278 | 93405 | 695// | 01211 | 85920 | | |
| Belmullet | 976 | 62525 | 60808 | 98206 | 635// | 03210 | 85920 | | |
| Birr | 965 | 72414 | 75258 | 01607 | 785// | 04313 | 84820 | 86633 | |
| Dublin | 969 | 72622 | 75038 | 99008 | 795// | 02219 | 83922 | 87640 | |
| Shannon | 962 | 72720 | 66038 | 03309 | 785// | 05211 | 81820 | 87650 | |
| Roches Point | 952 | 72719 | 70016 | 05110 | 58476 | 05217 | 81816 | 85640 | 87272 |
| Valentia | 953 | 82716 | 75026 | 06610 | 5252/ | 06310 | 85823 | 88458 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01101 | 000 | d₀pr₀r₀r₀ | r₀r₀d₀ |
| Hurn | 862 | 02111 | 000 | r₀r₀r | r₀r₀d₀d₀ |
| Manston | 797 | 02091 | 002 | r₀d₀r₀ | r₀rrr₀r₀d₀r₀ |
| Gatwick | 776 | 06092 | 000 | pr₀d₀r₀d₀r₀r | r₀pr₀rrdrd₀r₀ |
| Kew | 775 | 04101 | 002 | r₀r₀-r₀rr-r | r₀rRd₀d₀-d₀ |
| Heathrow | 772 | 04101 | 000 | d₀r₀d₀r₀r-rr | r₀r₀rr₀d₀r₀ |
| Honington | 586 | 04091 | 009 | r₀r₀r | rrr₀ |
| Wattisham | 590 | 05072 | 002 | r₀r₀r | rrr₀r₀d₀r₀ |
| Gorleston | 497 | | 011 | | |
| Aberporth | 502 | 05101 | 000 | r₀r₀rr | r₀r₀ |
| Filton | 628 | 03101 | 005 | r₀rr₀r₀d₀-d₀r₀ | drd₀r₀d₀r₀d₀ |
| Rhoose | 715 | 06102 | 000 | r₀rrr₀r | rr₀r₀rr₀ |
| Hartland Point | 703 | 02092 | 000 | | |
| Mount Batten | 827 | 05101 | 000 | r₀d₀r₀Rr | rrdrd₀d₀ |
| St.Mawgan | 817 | 04102 | 000 | r₀r₀d₀r₀rr | d₀r₀fdrff |
| Scilly | 804 | 02112 | 000 | r₀r₀ | r₀r₀ |
| Culdrose | 809 | 04102 | 000 | r₀r₀fd₀r₀ | d₀r₀d₀d₀ir₀ |
| Guernsey | 894 | 04092 | 000 | + | r₀r₀d₀r₀r₀drf |
| Elmdon | 534 | 03101 | 003 | r₀rrr₀r₀ | r₀r₀d₀r₀dr |
| Cardington | 559 | 03101 | 006 | r₀r | rr₀r₀ir₀ |
| Wittering | 462 | 03091 | 016 | r₀rr | rrr₀d₀r₀ |
| Watnall | 354 | 05091 | 002 | r₀rrr₀ | r₀r₀ |
| Shawbury | 414 | 02111 | 000 | r₀r₀rr | rrr₀pr₀pr |
| Finningley | 360 | 01091 | 006 | r₀r₀rd₀r₀ | d₀r₀ir₀rR |
| Spurn Point | 396 | | | ir₀r₀r₀ | r₀r₀ir₀ |
| Leeming | 257 | 03091 | 002 | r₀r₀ | r₀r₀rRpr₀pr |
| Tynemouth | 262 | 04081 | 000 | ir₀ | rr |
| Carlisle | 222 | 07091 | 003 | r₀rrr₀r₀r | r₀rRpr₀ |
| Valley | 302 | 05101 | 005 | rrRdr | d₀r₀ir₀pr₀ |
| Ringway | 334 | 09091 | 001 | r₀rrr | rrr₀pr₀ |
| Squires Gate | 318 | 06091 | 001 | r₀rR | ir₀pr₀pr |
| Ronaldsway | 204 | 05091 | 006 | r₀rrR | pr₀ |
| Mull of Galloway | 131 | 01081 | | | |
| Eskdalemuir | 162 | 21062 | 000 | rRR | RRpr₀ |
| Prestwick | 135 | 08091 | 006 | r₀rr | pr₀ |
| Abbotsinch | 140 | 12101 | 018 | r₀rRpr₀ph₀ | pr₀prpr₀s₀ |
| Leuchars | 171 | 05091 | 016 | r₀rr | r₀pr₀ |
| Dyce | 091 | 01071 | 014 | id₀ir₀rr₀r₀ | r₀ |
| Lerwick | 005 | 15052 | 001 | ir₀id₀rr | rrrsrsRSRSir₀ |
| Wick | 075 | 08062 | 016 | r₀r₀rr | pr |
| Sule Skerry | 010 | 05071 | | | |
| Cape Wrath | 049 | 08072 | 014 | rrpr | phrph₀r₀ |
| Stornoway | 026 | 10091 | 032 | rrpr₀ | pr₀ph₀r₀ |
| Benbecula | 022 | 06095 | 033 | rrpr₀ | pr₀prphr |
| Tiree | 100 | 06091 | 024 | rrr₀Rpr₀phr | phrph₀r₀ |
| Aldergrove | 917 | 03091 | 027 | r₀r₀d₀d-r | pr₀ |
| Malin | 980 | 0809 | 019 | | |
| Belmullet | 976 | 0410 | 043 | | |
| Birr | 965 | 0311 | 011 | | |
| Dublin | 969 | 0212 | 018 | | |
| Shannon | 962 | 0312 | 006 | | |
| Roches Point | 952 | 0312 | 001 | | |
| Valentia | 953 | 0312 | 001 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

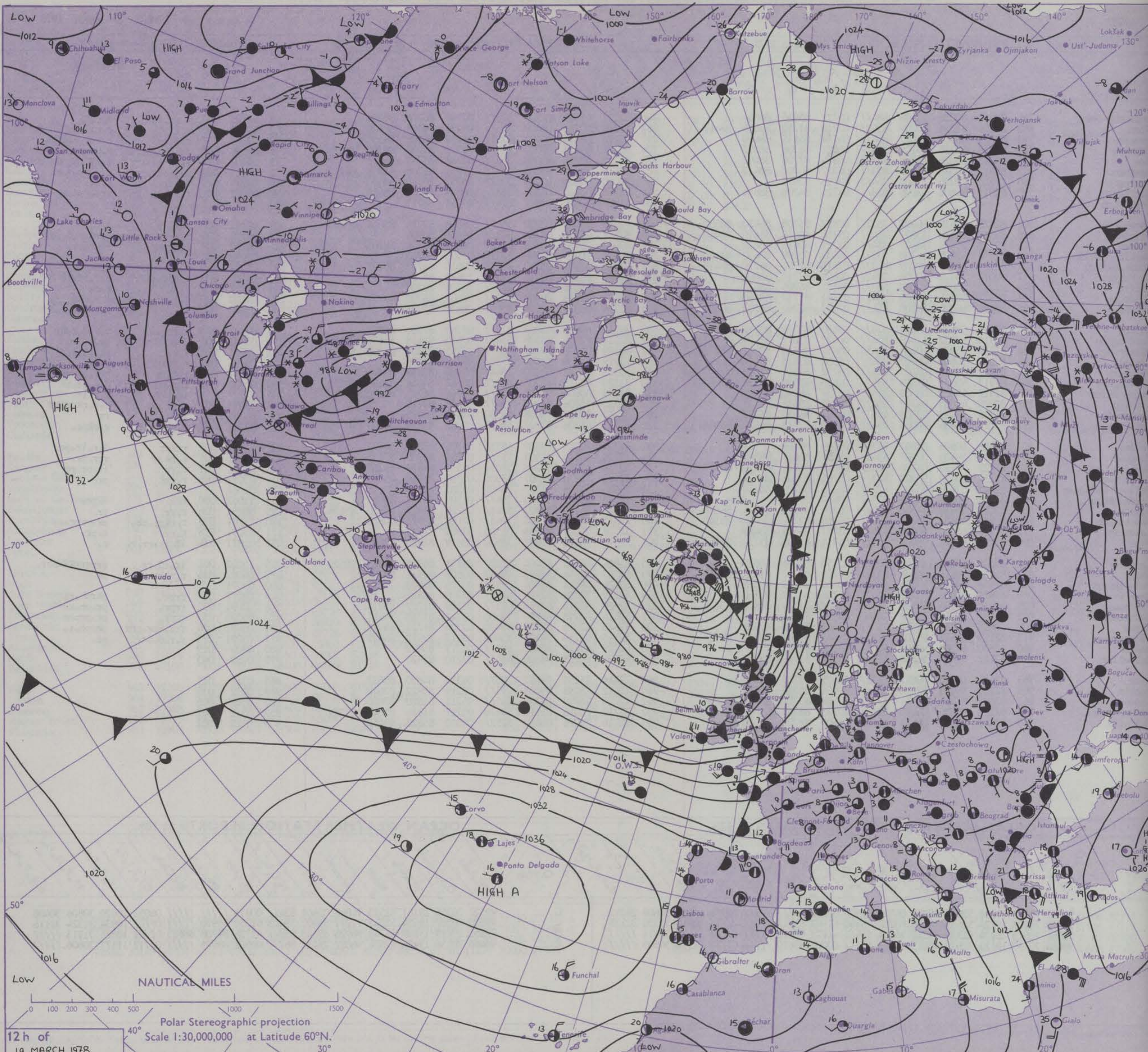
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 19121 | 52613 | 98258 | 04701 | 52500 | 00210 | ///// | ///// | 05956 | 10629 | 30606 | 26212 |
| L | 99570 | 70203 | 19124 | 52655 | 96158 | 83202 | 59460 | 61143 | 85912 | ///// | 0//51 | 10913 | 31330 | 32118 |
| M | 99656 | 10019 | 19124 | 81939 | 96212 | 95004 | 854// | 41823 | 88612 | ///// | 0//03 | 10639 | 30911 | ///// |
| R | 99464 | 70153 | 19124 | 82622 | 96015 | 21413 | 854// | 00001 | 88610 | ///// | 0//12 | 11170 | 30605 | ///// |

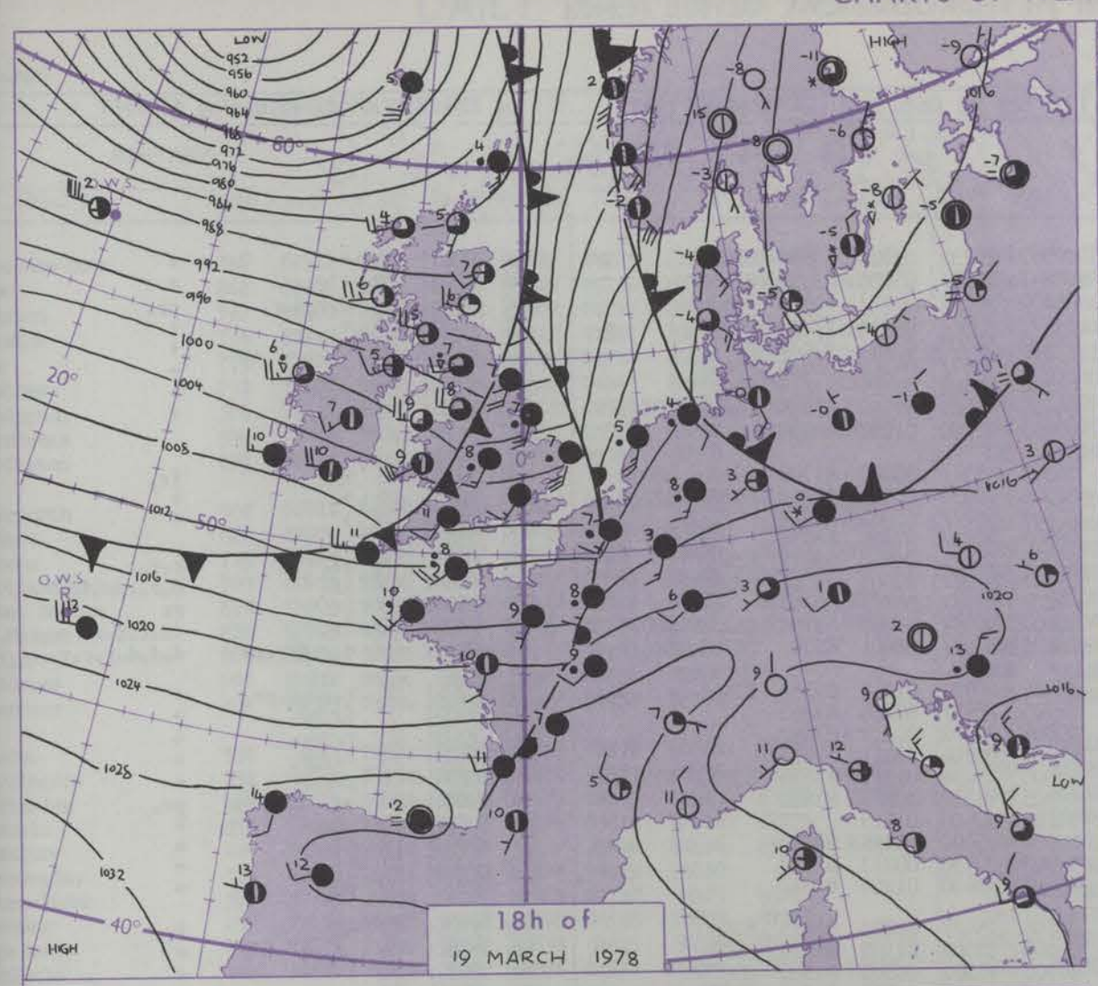
## OCEAN WEATHER STATION REPORTS at 18h.

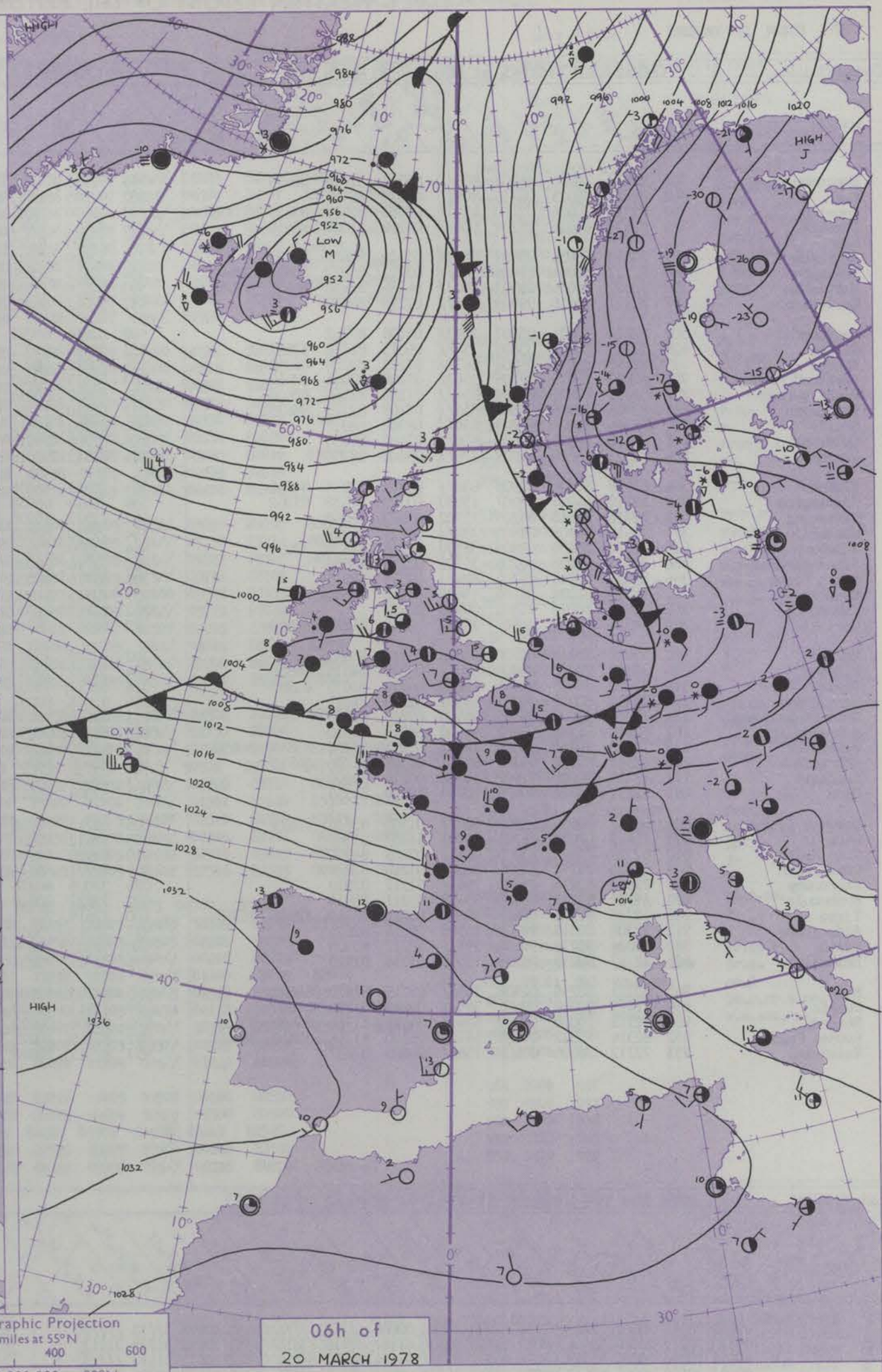
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 19181 | 82513 | 94868 | 02601 | 834// | 00811 | ///// | ///// | 06052 | 10620 | 30606 | 30408 |
| L | 99570 | 70207 | 19184 | 52743 | 97271 | 89402 | 59403 | 61330 | 85910 | ///// | 0//01 | 10934 | 31324 | 31116 |
| M | 99655 | 10019 | 19184 | 81748 | 96026 | 89103 | 853// | 41726 | 84708 | 88615 | 0//01 | 10626 | 31113 | ///// |
| R | 99466 | 70156 | 19184 | 82624 | 96022 | 21412 | 862// | 00501 | 88705 | ///// | 0//12 | 11177 | 30606 | ///// |

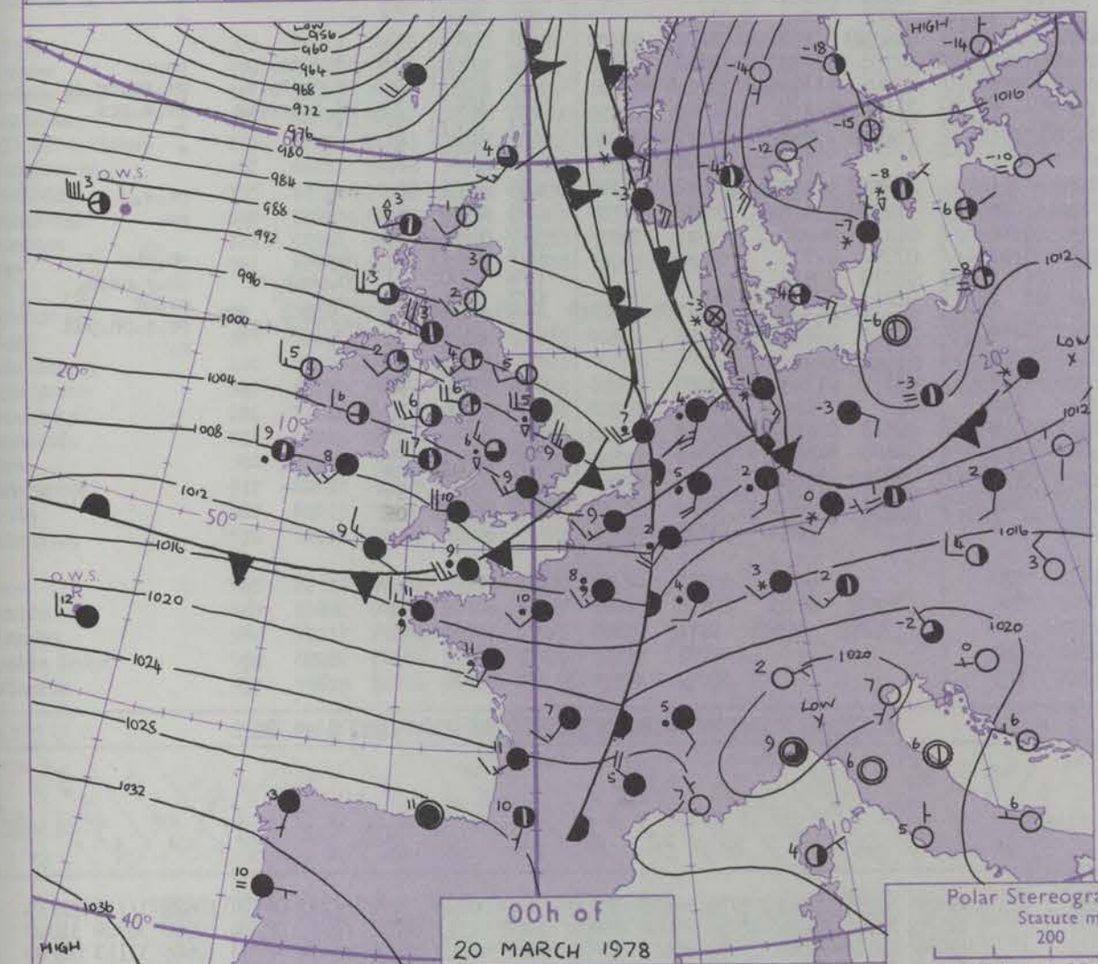
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday MONDAY 20 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours, frontal troughs, within the circulation of a deep low near Iceland, crossed the British Isles.

During the next 24 hours, a westerly airstream will cover the British Isles. However, a minor wave depression now nearing the Southwest Approaches may develop somewhat as it crosses southern Britain.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 20 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82818 | 70036 | 06208 | 854// | 05317 | 82616 | 88650 | |
| Hurn | 862 | 82716 | 75025 | 06710 | 8092/ | 07321 | 88461 | | |
| Manston | 797 | 72714 | 70026 | 02110 | 4547/ | 08508 | 82619 | 83625 | 87358 |
| Gatwick | 776 | 82620 | 80036 | 04209 | 854// | 06312 | 81618 | 88656 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82615 | 65036 | 03609 | 2557/ | 07310 | 82622 | 88359 | |
| Honington | 586 | 82722 | 65806 | 01406 | 885// | 03322 | 83822 | 85630 | 88640 |
| Wattisham | 590 | 73024 | 65036 | 01507 | 754// | 04314 | 83616 | 84626 | 87656 |
| Gorleston | 497 | 82927 | 66216 | 99909 | 856// | 07210 | 88630 | | |
| Aberporth | 502 | 72720 | 70021 | 05207 | 7093/ | 05106 | 87362 | | |
| Filton | 628 | 72715 | 70015 | 05808 | 754// | 06013 | 81710 | 87657 | |
| Rhoose | 715 | 82618 | 62036 | 05608 | 2637/ | 07107 | 82706 | 88359 | |
| Hartland Point | 703 | 82824 | 74026 | 07708 | 3562/ | 07106 | 83645 | 88460 | |
| Mount Batten | 827 | 82811 | 80025 | 09610 | 854// | 07206 | 81710 | 88650 | |
| St.Mawgan | 817 | 82616 | 58606 | 09809 | 854// | 07109 | 82710 | 88633 | |
| Scilly | 804 | 82916 | 81026 | 11709 | 854// | 08206 | 88617 | | |
| Culdrose | 809 | 82313 | 70026 | 10809 | 856// | 07104 | 88630 | | |
| Guernsey | 894 | 82623 | 15616 | 11009 | 870// | 09802 | 88700 | | |
| Elmdon | 534 | 63116 | 66806 | 02906 | 634// | 02321 | 83918 | 84656 | |
| Cardington | 559 | 52718 | 64016 | 02007 | 15630 | 03320 | 81630 | 85362 | |
| Wittering | 462 | 22718 | 82018 | 01205 | 15702 | 03322 | 81650 | | |
| Watnall | 354 | 72611 | 64806 | 01305 | 784// | 02221 | 86819 | | |
| Shawbury | 414 | 32710 | 70258 | 02305 | 38500 | 03016 | 81820 | 83630 | |
| Finningley | 360 | 32712 | 82028 | 99206 | 35702 | 02216 | 83656 | | |
| Spurn Point | 396 | 82720 | 10818 | 98305 | 894// | 03315 | 88915 | | |
| Leeming | 257 | 12715 | 81028 | 97105 | 15600 | 01212 | 81640 | | |
| Tynemouth | 262 | 02812 | 80026 | 95303 | 00900 | 00215 | | | |
| Carlisle | 222 | 32514 | 75038 | 96804 | 38500 | 02215 | 81820 | 83650 | |
| Valley | 302 | 42624 | 75018 | 02706 | 45600 | 03111 | 84630 | | |
| Ringway | 334 | 62817 | 70018 | 00806 | 684// | 03319 | 84818 | 86650 | |
| Squires Gate | 318 | 32720 | 70018 | 99606 | 15630 | 04113 | 81635 | 83360 | |
| Ronaldsway | 204 | 22917 | 80018 | 00004 | 18501 | 02213 | 81825 | | |
| Mull of Galloway | 131 | 32730 | 82030 | 98005 | 35500 | 02210 | 83625 | | |
| Eskdalemuir | 162 | 42514 | 58268 | 96301 | 49400 | 50310 | 82910 | | |
| Prestwick | 135 | 72920 | 70258 | 95503 | 783// | 02213 | 82706 | 83814 | 86650 |
| Abbotsinch | 140 | 62511 | 60258 | 94102 | 693// | 01307 | 81706 | 84910 | |
| Leuchars | 171 | 12413 | 80028 | 91902 | 15600 | 00214 | 81640 | | |
| Dyce | 091 | 12211 | 86021 | 89403 | 10930 | 52209 | 81359 | | |
| Lerwick | 005 | 62217 | 70036 | 83404 | 684// | 01308 | 83814 | 85619 | |
| Wick | 075 | 12412 | 82028 | 86701 | 10941 | 51307 | 81360 | | |
| Sule Skerry | 010 | 62529 | 74028 | 83905 | 4351/ | 02205 | 84920 | | |
| Cape Wrath | 049 | 42724 | 74278 | 83904 | 38501 | 01210 | 82820 | | |
| Stornoway | 026 | 72611 | 62878 | 87003 | 794// | 51317 | 87910 | | |
| Benbecula | 022 | 52522 | 65258 | 88405 | 59400 | 03211 | 85914 | | |
| Tiree | 100 | 62718 | 62278 | 92403 | 3946/ | 00213 | 81710 | 82916 | 85358 |
| Aldergrove | 917 | 22308 | 80018 | 99202 | 25500 | 00216 | 82625 | | |
| Malin | 980 | 52824 | 75278 | 96604 | 595// | 50217 | 85920 | | |
| Belmullet | 976 | 12717 | 80258 | 01205 | 13500 | 01216 | 81920 | | |
| Birr | 965 | 52711 | 70258 | 04306 | 535// | 03215 | 81920 | 84632 | |
| Dublin | 969 | 72415 | 80028 | 02404 | 785// | 01213 | 81820 | 87645 | |
| Shannon | 962 | 72712 | 70028 | 05507 | 5247/ | 04015 | 81715 | 84820 | 85459 |
| Roches Point | 952 | 82314 | 70022 | 07808 | 5547/ | 05310 | 81714 | 85640 | 88460 |
| Valentia | 953 | 72712 | 70606 | 07609 | 756// | 04005 | 87637 | | |

## OBSERVATIONS at 06h. 20 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72913 | 70012 | 07507 | 25732 | 03305 | 82650 | 87072 | |
| Hurn | 862 | 72505 | 65012 | 08207 | 7097/ | 05106 | 83359 | 87462 | |
| Manston | 797 | 62510 | 73021 | 06106 | 58531 | 04217 | 81820 | 85630 | |
| Gatwick | 776 | 72512 | 59042 | 07107 | 7097/ | 04217 | 82360 | 86462 | |
| Kew | 775 | 72605 | 70021 | 06707 | 55508 | 03317 | 85628 | 87272 | |
| Heathrow | 772 | 52610 | 62012 | 06307 | 3567/ | 04213 | 83630 | 85464 | |
| Honington | 586 | 52413 | 80038 | 04204 | 11402 | 02215 | 81816 | 85072 | |
| Wattisham | 590 | 62616 | 75038 | 04404 | 48402 | 02314 | 81815 | 84656 | 85075 |
| Gorleston | 497 | 52712 | 66022 | 03105 | 55700 | 01205 | 85650 | | |
| Aberporth | 502 | 82614 | 65032 | 06307 | 4537/ | 03802 | 81708 | 84620 | 88460 |
| Filton | 628 | 72710 | 80032 | 07306 | 10936 | 04001 | 81362 | 84070 | 87280 |
| Rhoose | 715 | 72712 | 66012 | 07007 | 6577/ | 05003 | 86650 | | |
| Hartland Point | 703 | 82615 | 70022 | 08208 | 8072/ | 07804 | 88456 | | |
| Mount Batten | 827 | 82612 | 60616 | 09508 | 854// | 06705 | 83615 | 88630 | |
| St.Mawgan | 817 | 82410 | 15616 | 09707 | 870// | 07605 | 82700 | 88702 | |
| Scilly | 804 | 82202 | 45616 | 09808 | 872// | 08712 | 88703 | | |
| Culdrose | 809 | 82705 | 25616 | 10007 | 850// | 07709 | 82701 | 84703 | 88635 |
| Guernsey | 894 | 82813 | 50516 | 11408 | 850// | 08801 | 82701 | 85703 | 88617 |
| Elmdon | 534 | 72511 | 75038 | 05404 | 7097/ | 01212 | 82362 | 87465 | |
| Cardington | 559 | 72614 | 66038 | 04905 | 7095/ | 03308 | 87363 | | |
| Wittering | 462 | 72513 | 75038 | 03804 | 70972 | 02313 | 87362 | | |
| Watnall | 354 | 72510 | 80038 | 03904 | 00904 | 50111 | 87072 | | |
| Shawbury | 414 | 72509 | 72038 | 05005 | 38434 | 01113 | 81816 | 83650 | 85358 |
| Finningley | 360 | 22716 | 80028 | 01905 | 18532 | 00314 | 81820 | | |
| Spurn Point | 396 | 02716 | 66028 | 01105 | 00900 | 01215 | | | |
| Leeming | 257 | 12715 | 81020 | 00204 | 15600 | 50216 | 81630 | | |
| Tynemouth | 262 | 12712 | 81020 | 97903 | 10930 | 00213 | 81358 | | |
| Carlisle | 222 | 52515 | 75018 | 98903 | 58400 | 01204 | 84817 | | |
| Valley | 302 | 72520 | 75021 | 04106 | 1547/ | 01803 | 81615 | 87460 | |
| Ringway | 334 | 52612 | 70031 | 03105 | 18502 | 01109 | 81820 | 85075 | |
| Squires Gate | 318 | 62717 | 70031 | 01905 | 11502 | 04302 | 81820 | 86075 | |
| Ronaldsway | 204 | 62618 | 80031 | 01205 | 11406 | 01802 | 81818 | 86070 | |
| Mull of Galloway | 131 | 42620 | 82030 | 99703 | 15505 | 01803 | 81625 | 84075 | |
| Eskdalemuir | 162 | 62311 | 56858 | 98301 | 622// | 50305 | 82703 | 85818 | |
| Prestwick | 135 | 62720 | 62268 | 97503 | 693// | 02304 | 81709 | 81914 | 85818 |
| Abbotsinch | 140 | 22409 | 68268 | 96301 | 29430 | 51109 | 81910 | | |
| Leuchars | 171 | 22414 | 80020 | 94301 | 18502 | 51207 | 81820 | | |
| Dyce | 091 | 32308 | 86010 | 92001 | 15632 | 53112 | 81635 | | |
| Lerwick | 005 | 42215 | 70038 | 85703 | 49401 | 01212 | 81912 | 83815 | |
| Wick | 075 | 22412 | 82038 | 89401 | 29463 | 51210 | 82916 | | |
| Sule Skerry | 010 | 62520 | 64258 | 87304 | 695// | 01215 | 86920 | | |
| Cape Wrath | 049 | 72731 | 66878 | 86903 | 794// | 02207 | 87915 | | |
| Stornoway | 026 | 32005 | 60278 | 89101 | 39400 | 01010 | 83914 | | |
| Benbecula | 022 | 72827 | 60818 | 91303 | 793// | 02211 | 83708 | 86910 | |
| Tiree | 100 | 12619 | 70278 | 93804 | 19400 | 50001 | 81710 | 81916 | |
| Aldergrove | 917 | 52213 | 75038 | 00102 | 58300 | 00802 | 82708 | 83816 | |
| Malin | 980 | 52523 | 75258 | 97204 | 534// | 01601 | 84818 | 81918 | |
| Belmullet | 976 | 72711 | 75258 | 99905 | 734// | 02713 | 81716 | 85920 | |
| Birr | 965 | 82003 | 62608 | 03304 | 854// | 02813 | 83711 | 88630 | |
| Dublin | 969 | 72411 | 80028 | 02604 | 2567/ | 02808 | 82640 | 87460 | |
| Shannon | 962 | 82206 | 70022 | 03707 | 4567/ | 04618 | 84640 | 87459 | |
| Roches Point | 952 | 82110 | 70022 | 05807 | 854// | 06716 | 81716 | 88640 | |
| Valentia | 953 | 82112 | 70026 | 05108 | 885// | 07624 | 84821 | 88635 | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00051 | 04 | + | + |
| Hurn | 862 | 00071 | 04 | + | + |
| Manston | 797 | 91061 | 03 | d.r.d.r. | pr. |
| Gatwick | 776 | 00051 | 03 | + | + |
| Kew | 775 | 97071 | 04 | r. | + |
| Heathrow | 772 | 97051 | 03 | r. | + |
| Honington | 586 | 92041 | 02 | r.pr. | + |
| Wattisham | 590 | 93041 | 01 | r.pr. | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 97051 | 05 | + | ir. |
| Filton | 628 | 00051 | 05 | + | + |
| Rhoose | 715 | 00071 | 06 | + | + |
| Hartland Point | 703 | 01072 | 07 | | |
| Mount Batten | 827 | 03072 | 06 | ir. | r.r.r |
| St.Mawgan | 817 | 04072 | 07 | ir. | d.r.r.r.frr |
| Scilly | 804 | 05082 | 05 | ir. | rr |
| Culdrose | 809 | 06072 | 06 | ir. | ir.r.r.rr |
| Guernsey | 894 | 08072 | 07 | d.r.ffr.r. | d.d.d.r.r.r. |
| Elmdon | 534 | 02041 | 01 | r.rRpr.pr | + |
| Cardington | 559 | 94041 | 01 | ir.pr. | + |
| Wittering | 462 | 95031 | 01 | r.rpr. | + |
| Watnall | 354 | 97031 | 51 | ir.pr. | + |
| Shawbury | 414 | 02041 | 00 | pr.pr | + |
| Finningley | 360 | 97041 | 01 | pr. | pr. |
| Spurn Point | 396 | | | pr. | + |
| Leeming | 257 | 97031 | 01 | pr. | + |
| Tynemouth | 262 | 00031 | 01 | + | + |
| Carlisle | 222 | 92031 | 00 | pr. | + |
| Valley | 302 | 97051 | 02 | pr. | ir. |
| Ringway | 334 | 93041 | 03 | pr.pr | + |
| Squires Gate | 318 | 00051 | 04 | + | + |
| Ronaldsway | 204 | 00041 | 01 | + | + |
| Mull of Galloway | 131 | 00031 | | | |
| Eskdalemuir | 162 | 05007 | 51 | pr.psps. | psps. |
| Prestwick | 135 | 05011 | 51 | pr.phprprs | pr.prspr.s. |
| Abbotsinch | 140 | 05012 | 51 | pr.s.pr.prs | pr.s.prs |
| Leuchars | 171 | 00011 | 51 | + | + |
| Dyce | 091 | 00001 | 52 | + | + |
| Lerwick | 005 | 91021 | 01 | pr. | pr.s. |
| Wick | 075 | 95005 | 53 | pr.s. | ps. |
| Sule Skerry | 010 | 03022 | 00 | | |
| Cape Wrath | 049 | 04012 | 51 | phrph. | ph.phr |
| Stornoway | 026 | 05005 | 51 | ph.phph.r. | ph.r.psph. |
| Benbecula | 022 | 02011 | 01 | prpr. | pr.pr |
| Tiree | 100 | 03025 | 00 | phrph.r.pr. | pr.s.ph.pHR |
| Aldergrove | 917 | 91011 | 51 | pr. | r. |
| Malin | 980 | 0203 | 01 | | |
| Belmullet | 976 | 0203 | 01 | | |
| Birr | 965 | 0204 | 02 | | |
| Dublin | 969 | 0203 | 00 | | |
| Shannon | 962 | 0106 | 04 | | |
| Roches Point | 952 | 0007 | 04 | | |
| Valentia | 953 | 9706 | 05 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 20001 | 72723 | 97278 | 01900 | 79400 | 00008 | ///// | ///// | 06152 | 10628 | 3//12 | ///// |
| L | 99570 | 70211 | 20004 | 52646 | 98028 | 91803 | 59400 | 61107 | 82910 | 83815 | 0//51 | 10910 | 31218 | 31113 |
| M | 99654 | 10020 | 20004 | 81743 | 96076 | 85102 | 853// | 41614 | 86707 | 88614 | 0//02 | 10621 | 31113 | ///// |
| R | 99467 | 70158 | 20004 | 82617 | 96022 | 21212 | 862// | 00803 | 88705 | ///// | 0//12 | 11143 | 30706 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 20061 | 62720 | 98028 | 08700 | 63400 | 00240 | ///// | ///// | 06156 | 10628 | 3//12 | 27/15 |
| L | 99570 | 70204 | 20064 | 32728 | 98038 | 89804 | 32400 | 61717 | 83815 | ///// | 0//54 | 10900 | 30909 | 31010 |
| M | 99654 | 10019 | 20064 | 81743 | 96616 | 82702 | 852// | 41503 | 86705 | 88614 | 0//03 | 10608 | 31113 | 00/00 |
| R | 99469 | 70161 | 20064 | 52533 | 96012 | 18312 | 564// | 61621 | 85710 | ///// | 0//11 | 11169 | 30707 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42488

Date of Issue TUESDAY 21 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 20 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82111 | 63612 | 04606 | 5542/ | 04723 | 82712 | 84620 | 88556 |
| Hurn | 862 | 82106 | 56616 | 05607 | 7542/ | 05715 | 83710 | 86618 | 88550 |
| Manston | 797 | 82509 | 75028 | 05108 | 8092/ | 04810 | 88459 | | |
| Gatwick | 776 | 82912 | 63602 | 05107 | 6552/ | 01812 | 81625 | 84640 | 88458 |
| Kew | 775 | 72606 | 70616 | 04608 | 4552/ | 02810 | 81625 | 84640 | 87460 |
| Heathrow | 772 | 72508 | 66616 | 04708 | 6852/ | 04809 | 84824 | 85645 | 87460 |
| Honington | 586 | 72414 | 80012 | 02908 | 11472 | 02810 | 81818 | 87364 | |
| Wattisham | 590 | 72516 | 75012 | 03308 | 11532 | 02809 | 81820 | 83363 | 87070 |
| Gorleston | 497 | 62612 | 66021 | 03405 | 6097/ | 02005 | 86360 | | |
| Aberporth | 502 | 82011 | 62616 | 00806 | 5532/ | 04849 | 81708 | 85628 | 88557 |
| Filton | 628 | 82104 | 45636 | 03506 | 6542/ | 05726 | 81712 | 86618 | 88530 |
| Rhoose | 715 | 82105 | 62636 | 03307 | 6542/ | 05832 | 81616 | 86622 | 88558 |
| Hartland Point | 703 | 82418 | 56626 | 02907 | 5722/ | 07831 | 85704 | 88560 | |
| Mount Batten | 827 | 83005 | 30656 | 04108 | 872// | 08736 | 81703 | 86704 | 88706 |
| St.Mawgan | 817 | 82708 | 45636 | 04008 | 7502/ | 08734 | 82701 | 86702 | 87614 |
| Scilly | 804 | 82512 | 50636 | 04110 | 871// | 10739 | 88702 | | |
| Culdrose | 809 | 82612 | 02636 | 03909 | 870// | 09736 | 88700 | | |
| Guernsey | 894 | 82523 | 05636 | 06609 | 870// | 09732 | 88700 | | |
| Elmdon | 534 | 72611 | 70022 | 02708 | 11578 | 01817 | 81828 | 87270 | |
| Cardington | 559 | 62514 | 64012 | 02908 | 21672 | 03813 | 82830 | 83360 | 85462 |
| Wittering | 462 | 62714 | 70012 | 02209 | 21575 | 02815 | 82825 | 83360 | 85272 |
| Watnall | 354 | 72510 | 75022 | 01708 | 32506 | 03815 | 83820 | 87075 | |
| Shawbury | 414 | 82312 | 74212 | 01907 | 5542/ | 03826 | 82616 | 83624 | 88459 |
| Finningley | 360 | 42516 | 78031 | 00209 | 42602 | 51819 | 84830 | | |
| Spurn Point | 396 | 52718 | 70021 | 00207 | 42501 | 01710 | 84825 | 85075 | |
| Leeming | 257 | 72616 | 81021 | 98508 | 22508 | 01818 | 82825 | 87275 | |
| Tynemouth | 262 | 72623 | 81021 | 97207 | 42638 | 51811 | 84830 | 87275 | |
| Carlisle | 222 | 72614 | 75022 | 97307 | 48576 | 02821 | 83820 | 83362 | 86467 |
| Valley | 302 | 81613 | 65606 | 99406 | 7542/ | 05842 | 82714 | 87618 | 88556 |
| Ringway | 334 | 82710 | 75028 | 00907 | 2262/ | 01820 | 82830 | 88460 | |
| Squires Gate | 318 | 82217 | 70608 | 99406 | 2852/ | 04822 | 81822 | 88460 | |
| Ronaldsway | 204 | 82415 | 80012 | 98406 | 4842/ | 02730 | 82714 | 83816 | 88462 |
| Mull of Galloway | 131 | 82430 | 70031 | 96305 | 3542/ | 04831 | 81710 | 83620 | 88460 |
| Eskdalemuir | 162 | 62212 | 70028 | 96404 | 42502 | 01816 | 84820 | 86072 | |
| Prestwick | 135 | 72514 | 70038 | 95806 | 58436 | 02718 | 81712 | 85816 | 87268 |
| Abbotsinch | 140 | 72610 | 65259 | 95104 | 69363 | 02716 | 81709 | 82912 | 84818 |
| Leuchars | 171 | 32518 | 84010 | 94107 | 28533 | 50507 | 81820 | | |
| Dyce | 091 | 62508 | 89011 | 92507 | 32532 | 53703 | 83820 | | |
| Lerwick | 005 | 62416 | 70838 | 88604 | 694/1 | 01215 | 81710 | 82912 | 83815 |
| Wick | 075 | 72416 | 83151 | 90604 | 29463 | 01301 | 82915 | 86070 | |
| Sule Skerry | 010 | 72316 | 74808 | 89505 | 69503 | 02204 | 86920 | | |
| Cape Wrath | 049 | 52730 | 66878 | 88603 | 43401 | 01813 | 84915 | | |
| Stornoway | 026 | 72412 | 60268 | 90304 | 793// | 00501 | 83707 | 86912 | |
| Benbecula | 022 | 52015 | 70278 | 90906 | 59300 | 01503 | 81708 | 83912 | |
| Tiree | 100 | 72613 | 82158 | 92806 | 39402 | 01811 | 81915 | 87070 | |
| Aldergrove | 917 | 82012 | 80026 | 96406 | 4541/ | 02730 | 81710 | 84615 | 88465 |
| Malin | 980 | 82013 | 75218 | 94205 | 1857/ | 03722 | 81820 | 88460 | |
| Belmullet | 976 | 82519 | 61616 | 92606 | 6642/ | 05738 | 86714 | 88545 | |
| Birr | 965 | 82313 | 60616 | 96707 | 6642/ | 05744 | 86712 | 88458 | |
| Dublin | 969 | 81906 | 60616 | 97106 | 5632/ | 04849 | 82708 | 85714 | 88459 |
| Shannon | 962 | 72517 | 70216 | 98007 | 754// | 06629 | 81712 | 84716 | 87630 |
| Roches Point | 952 | 82220 | 70606 | 99909 | 874// | 07738 | 88710 | | |
| Valentia | 953 | 72623 | 62806 | 01410 | 734// | 07514 | 87918 | | |

## OBSERVATIONS at 18h. 20 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72727 | 82216 | 97807 | 724// | 05815 | 84713 | 86819 | |
| Hurn | 862 | 62420 | 81256 | 99407 | 683// | 06504 | 82707 | 84812 | 85635 |
| Manston | 797 | 81806 | 58616 | 98404 | 6532/ | 04623 | 82707 | 85635 | 88550 |
| Gatwick | 776 | 82010 | 57616 | 98005 | 852// | 05621 | 84705 | 86709 | 88650 |
| Kew | 775 | 81907 | 50616 | 97106 | 873// | 05825 | 85707 | 88710 | |
| Heathrow | 772 | 81908 | 50596 | 97106 | 7732/ | 06723 | 81706 | 87712 | 88458 |
| Honington | 586 | 81709 | 58632 | 96705 | 6542/ | 02614 | 83616 | 85622 | 88550 |
| Wattisham | 590 | 82215 | 60636 | 97105 | 7542/ | 04618 | 81710 | 84612 | 86640 |
| Gorleston | 497 | 82214 | 66022 | 96307 | 855// | 02726 | 88625 | | |
| Aberporth | 502 | 22935 | 75156 | 99507 | 28400 | 50328 | 82818 | | |
| Filton | 628 | 22722 | 70016 | 98007 | 28400 | 05505 | 81818 | | |
| Rhoose | 715 | 12622 | 75016 | 99607 | 19432 | 04307 | 81815 | 81918 | |
| Hartland Point | 703 | 32820 | 66026 | 02907 | 22430 | 02227 | 82815 | 83360 | |
| Mount Batten | 827 | 53126 | 75806 | 05109 | 58431 | 04334 | 83818 | 83628 | |
| St.Mawgan | 817 | 12930 | 64036 | 05508 | 14500 | 01230 | 81820 | | |
| Scilly | 804 | 63131 | 60258 | 08908 | 48460 | 03240 | 84816 | 83621 | |
| Culdrose | 809 | 33026 | 62038 | 07108 | 21402 | 02335 | 82815 | | |
| Guernsey | 894 | 32832 | 80016 | 05509 | 28301 | 06234 | 81709 | | |
| Elmdon | 534 | 72411 | 65606 | 94505 | 6532/ | 03630 | 81708 | 86620 | 87458 |
| Cardington | 559 | 81709 | 50616 | 95205 | 854// | 05730 | 87712 | 88640 | |
| Wittering | 462 | 82010 | 56636 | 95305 | 853// | 04823 | 83708 | 86710 | 88620 |
| Watnall | 354 | 82005 | 50637 | 94403 | 873// | 03731 | 88707 | | |
| Shawbury | 414 | 52617 | 81217 | 94306 | 59400 | 05524 | 81915 | 83820 | |
| Finningley | 360 | 81710 | 61636 | 94205 | 854// | 03722 | 88614 | | |
| Spurn Point | 396 | 82311 | 70022 | 94607 | 32507 | 02725 | 83825 | 88275 | |
| Leeming | 257 | 82007 | 68622 | 93905 | 3542/ | 03612 | 83615 | 88556 | |
| Tynemouth | 262 | 80805 | 61022 | 94406 | 6562/ | 02706 | 86630 | 88458 | |
| Carlisle | 222 | 82709 | 82028 | 93805 | 2852/ | 02609 | 81823 | 88460 | |
| Valley | 302 | 72746 | 81256 | 94705 | 724// | 02302 | 81712 | 87818 | |
| Ringway | 334 | 81602 | 30687 | 93801 | 873// | 01730 | 88706 | | |
| Squires Gate | 318 | 71809 | 58637 | 93203 | 7732/ | 02627 | 82706 | 87708 | 87530 |
| Ronaldsway | 204 | 80311 | 25736 | 93901 | 870// | 50506 | 83701 | 86704 | 88709 |
| Mull of Galloway | 131 | 83418 | 60697 | 96202 | 4742/ | 02326 | 84710 | 88460 | |
| Eskdalemuir | 162 | 82302 | 75022 | 94204 | 2247/ | 01301 | 82818 | 83360 | 88462 |
| Prestwick | 135 | 83483 | 63212 | 95703 | 7532/ | 02321 | 82708 | 83615 | 85620 |
| Abbotsinch | 140 | 82507 | 80258 | 94603 | 6842/ | 02315 | 81711 | 86645 | 88462 |
| Leuchars | 171 | 72508 | 75011 | 94005 | 32532 | 00315 | 83825 | 87070 | |
| Dyce | 091 | 72708 | 86021 | 93005 | 24612 | 52316 | 81835 | 84465 | 87070 |
| Lerwick | 005 | 32207 | 81018 | 90602 | 39403 | 00317 | 82912 | | |
| Wick | 075 | 72608 | 80151 | 92003 | 39463 | 51314 | 83915 | 83359 | 86070 |
| Sule Skerry | 010 | 62513 | 74268 | 91603 | 59503 | 02218 | 85920 | | |
| Cape Wrath | 049 | 62722 | 80278 | 91103 | 694// | 00216 | 86915 | | |
| Stornoway | 026 | 82612 | 11838 | 92701 | 892// | 01220 | 83705 | 88912 | |
| Benbecula | 022 | 63007 | 70258 | 93004 | 39463 | 02318 | 83914 | 83070 | |
| Tiree | 100 | 72616 | 65278 | 94105 | 39478 | 00118 | 82916 | 83465 | 87270 |
| Aldergrove | 917 | 83110 | 30687 | 98600 | 870// | 50345 | 81700 | 83703 | 88704 |
| Malin | 980 | 72221 | 70807 | 97303 | 7337/ | 02225 | 82707 | 85920 | |
| Belmullet | 976 | 62621 | 70276 | 01304 | 695// | 01129 | 86920 | | |
| Birr | 965 | 32717 | 83016 | 03405 | 38500 | 00164 | 82820 | | |
| Dublin | 969 | 32927 | 82018 | 99604 | 38500 | 01360 | 82820 | | |
| Shannon | 962 | 23019 | 80278 | 05305 | 29500 | 03143 | 82920 | | |
| Roches Point | 952 | 12830 | 80018 | 06907 | 19400 | 00249 | 81917 | | |
| Valentia | 953 | 72822 | 65158 | 08908 | 785// | 02133 | 84824 | 85635 | |

## OBSERVATIONS during DAY

| Station | iii | RRT$_x$T$_x$E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 05071 | 001 | r.r.rr | rrr.r. |
| Hurn | 862 | 06091 | 002 | r.r.rrd.r. | d.r.pr.pr |
| Manston | 797 | 05081 | 000 | r. | r.rR |
| Gatwick | 776 | 02081 | 000 | r.r. | r.r.d.r.r.r. |
| Kew | 775 | 02081 | 000 | r.r.-r. | r.rpr. |
| Heathrow | 772 | 02081 | 000 | r.r. | r.r.-dr-r.pr. |
| Honington | 586 | 08101 | 009 | + | r.rr-r |
| Wattisham | 590 | 06091 | 006 | + | rrRr. |
| Gorleston | 497 | | 007 | | |
| Aberporth | 502 | 02081 | 025 | ir.r.r. | r. |
| Filton | 628 | 05081 | 002 | r.rrd.r. | d.r.rr |
| Rhoose | 715 | 09081 | 007 | r.rrr.r | r.rr. |
| Hartland Point | 703 | 07081 | 022 | | |
| Mount Batten | 827 | 09101 | 015 | rrRr. | r.pr. |
| St.Mawgan | 817 | 09101 | 019 | rrir. | r. |
| Scilly | 804 | 05112 | 032 | rr | irpr |
| Culdrose | 809 | 10100 | | rrir | pr. |
| Guernsey | 894 | 12102 | 004 | rrff | d.r. |
| Elmdon | 534 | 06091 | 011 | ir.r.r. | rrir.r. |
| Cardington | 559 | 05102 | 007 | pr. | r.r.rr |
| Wittering | 462 | 05101 | 032 | + | r.rrd. |
| Watnall | 354 | 08091 | 025 | r.r | r.r-rsd.r.pr. |
| Shawbury | 414 | 09071 | 001 | r.r.rrR | rRrsr.pr. |
| Finningley | 360 | 08101 | 039 | + | r.r.rrrsr.s. |
| Spurn Point | 396 | | | + | ir.r.r.-s. |
| Leeming | 257 | 03092 | 038 | + | rr |
| Tynemouth | 262 | 00081 | 052 | + | + |
| Carlisle | 222 | 91071 | 003 | ph.r. | + |
| Valley | 302 | 12081 | 007 | r.r.rr | rpr.r. |
| Ringway | 334 | 14071 | 001 | pr.r.r.rRr | rrrsrssfrpr. |
| Squires Gate | 318 | 08072 | 000 | pr.ir.rr | rrrsRSr.d.r. |
| Ronaldsway | 204 | 10061 | 000 | ir.r | rrrss |
| Mull of Galloway | 131 | 03052 | | | |
| Eskdalemuir | 162 | 00065 | 025 | + | + |
| Prestwick | 135 | 01071 | 011 | pr.s.pr. | pr. |
| Abbotsinch | 140 | 07061 | 018 | prspstl.sph | pr.s.pr. |
| Leuchars | 171 | 00081 | 071 | + | jp |
| Dyce | 091 | 00091 | 077 | jp | jp |
| Lerwick | 005 | 91061 | 058 | pr.s. | ph.r.pr. |
| Wick | 075 | 00061 | 065 | + | + |
| Sule Skerry | 010 | 01052 | | | |
| Cape Wrath | 049 | 01042 | 036 | pr. | pr.ph.r. |
| Stornoway | 026 | 03055 | 021 | ph.pr.s.prs | pr.s. |
| Benbecula | 022 | 95061 | 043 | ph.r.pr. | pr.l |
| Tiree | 100 | 02061 | 018 | pHRpRS | ph.r.pr.s.pr. |
| Aldergrove | 917 | 08066 | 000 | r.r.rr. | r.s.sSs.r.s. |
| Malin | 980 | 0306 | 004 | | |
| Belmullet | 976 | 0906 | 017 | | |
| Birr | 965 | 0809 | 037 | | |
| Dublin | 969 | 0909 | 011 | | |
| Shannon | 962 | 1009 | 032 | | |
| Roches Point | 952 | 0311 | 041 | | |
| Valentia | 953 | 0510 | 050 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

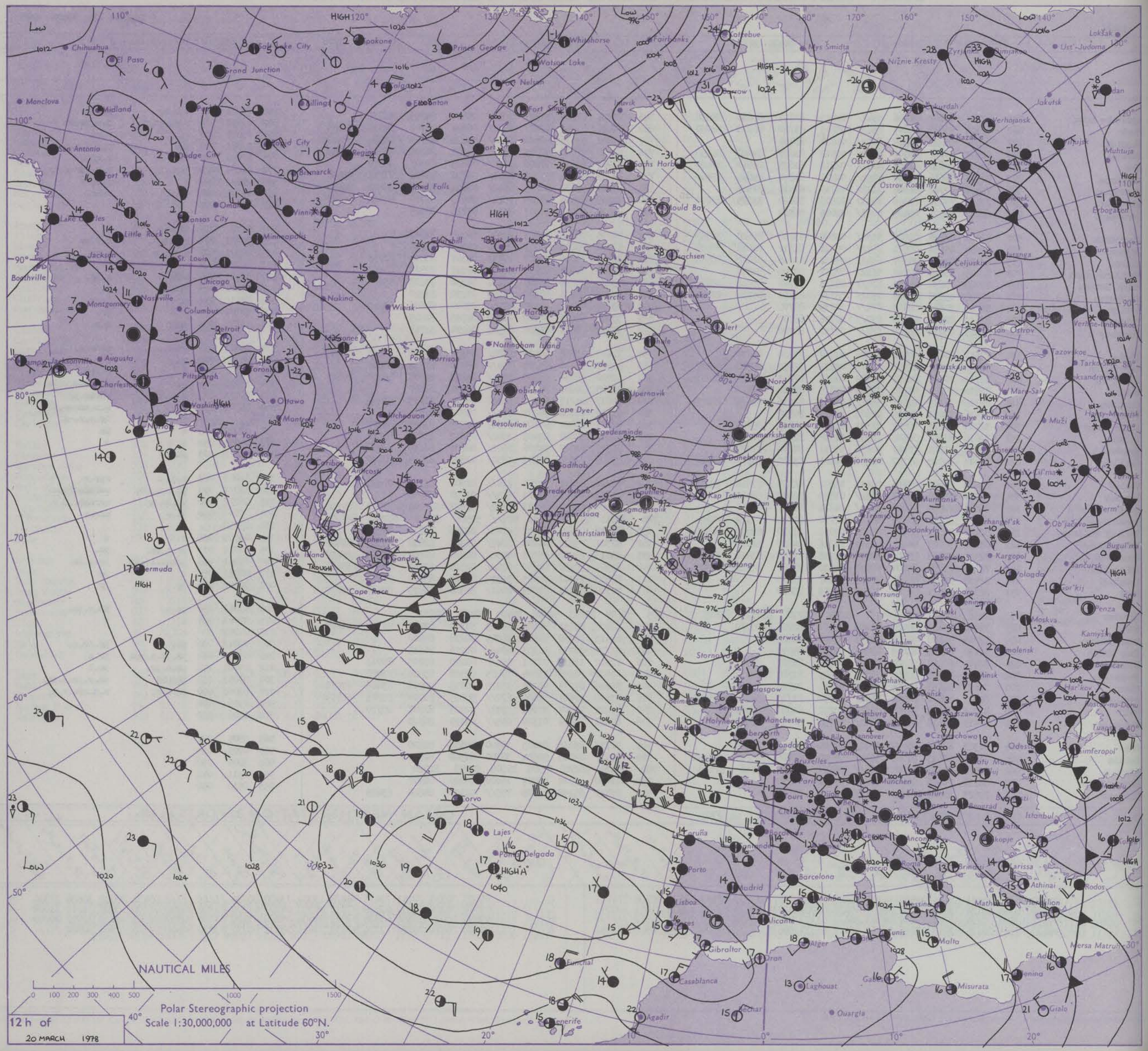
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 20121 | 62615 | 94888 | 14301 | 63400 | 00224 | ///// | ///// | 05853 | 10576 | 30708 | 27418 |
| | 99569 | 70208 | 20124 | 72635 | 97268 | 90102 | 49436 | 61004 | 82914 | 83818 | 0//53 | 10938 | 31011 | 31009 |
| | 99652 | 10020 | 20124 | 81739 | 97036 | 86303 | 884// | 41323 | 82812 | 88618 | 0//03 | 10617 | 31012 | ///// |
| | 99470 | 70165 | 20124 | 82923 | 97015 | 21311 | 854// | 61333 | 88615 | ///// | 0//09 | 11146 | 30503 | 27708 |

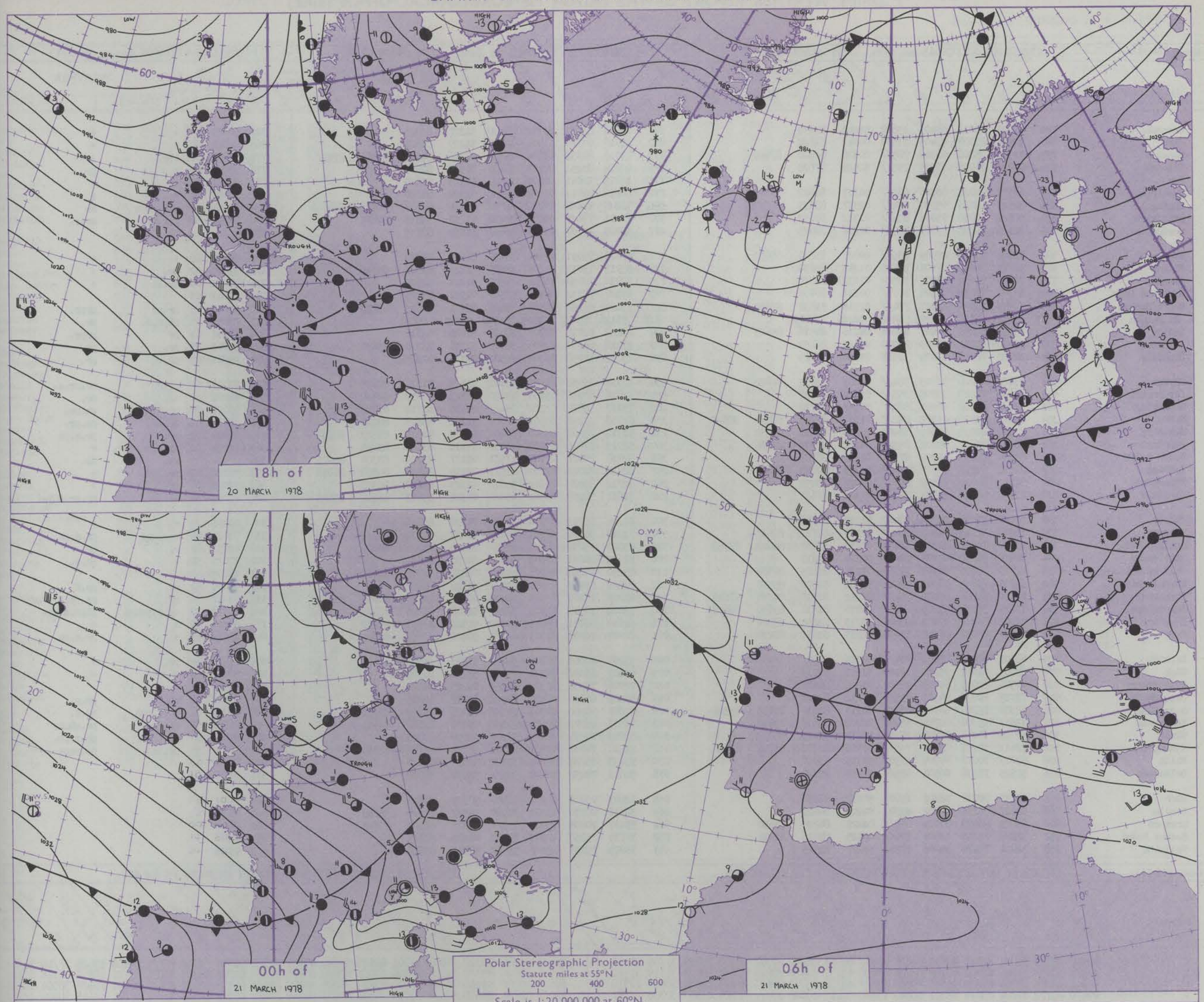
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 20181 | 72413 | 96878 | 13004 | 73400 | 00724 | ///// | ///// | 05451 | 10610 | 30606 | 27314 |
| | 99570 | 70200 | 20184 | 62848 | 97278 | 96502 | 69303 | 61334 | 81706 | 84910 | 0//00 | 10905 | 31111 | 31009 |
| | 99650 | 10025 | 20184 | 61838 | 97012 | 89604 | 69200 | 41220 | 85706 | 82912 | 0//03 | 10611 | 31012 | 00/00 |
| | 99470 | 70170 | 20184 | 72724 | 97032 | 25811 | 58532 | 00222 | 83820 | 84640 | 0//05 | 11142 | 30808 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 21 MARCH 1978

During the past 24 hours a deep depression north of Iceland remained slow-moving and filled rapidly. A secondary low centre formed in the Irish Sea and ran southeast into sea area Thames. Pressure remained high near the Azores.

During the next 24 hours a ridge of high pressure is expected to move east across the British Isles. However, a further deep depression is expected to move northeast towards Iceland, with associated frontal troughs reaching western Ireland by the end of the period.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 21 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 12821 | 83011 | 05403 | 15600 | 51240 | 81630 | | |
| Hurn | 862 | 12914 | 81028 | 07405 | 11500 | 00242 | 81820 | | |
| Manston | 797 | 72921 | 75806 | 98306 | 785// | 00316 | 82820 | 87645 | |
| Gatwick | 776 | 72924 | 80036 | 01705 | 755// | 52328 | 87628 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 62923 | 82028 | 00706 | 655// | 00327 | 86622 | | |
| Honington | 586 | 82519 | 65036 | 95904 | 854// | 02317 | 88615 | | |
| Wattisham | 590 | 82822 | 80036 | 95804 | 854// | 01312 | 88615 | | |
| Gorleston | 497 | 82405 | 66022 | 95003 | 855// | 02708 | 88625 | | |
| Aberporth | 502 | 72928 | 80021 | 07505 | 785// | 00227 | 83820 | 85632 | |
| Filton | 628 | 52815 | 70018 | 07104 | 55600 | 01242 | 85634 | | |
| Rhoose | 715 | 22820 | 70031 | 07005 | 28500 | 01130 | 81820 | | |
| Hartland Point | 703 | 63318 | 77031 | 09306 | 6077/ | 00231 | 86456 | | |
| Mount Batten | 827 | 72917 | 75038 | 11007 | 784// | 02116 | 81818 | 87630 | |
| St.Mawgan | 817 | 52821 | 65251 | 12205 | 58500 | 02216 | 84820 | | |
| Scilly | 804 | 63027 | 62258 | 14407 | 68400 | 04216 | 84816 | 85623 | |
| Culdrose | 809 | 42920 | 65011 | 13405 | 41500 | 02121 | 84820 | | |
| Guernsey | 894 | 32928 | 70258 | 12005 | 32500 | 03014 | 83825 | | |
| Elmdon | 534 | 73122 | 68806 | 02703 | 784// | 01263 | 83812 | 87622 | |
| Cardington | 559 | 82830 | 75026 | 98705 | 855// | 01334 | 88622 | | |
| Wittering | 462 | 83224 | 80608 | 98403 | 864// | 01342 | 88710 | | |
| Watnall | 354 | 83112 | 62806 | 01302 | 882// | 01364 | 81705 | 86810 | 88620 |
| Shawbury | 414 | 32816 | 80018 | 03603 | 38400 | 00255 | 81816 | 83632 | |
| Finningley | 360 | 83116 | 75617 | 99802 | 853// | 01252 | 86707 | 88616 | |
| Spurn Point | 396 | 83214 | 53697 | 97702 | 872// | 01331 | 88705 | | |
| Leeming | 257 | 72816 | 80256 | 99503 | 784// | 02234 | 82815 | 87650 | |
| Tynemouth | 262 | 82712 | 80022 | 98505 | 8091/ | 02227 | 88459 | | |
| Carlisle | 222 | 72508 | 80026 | 99803 | 755// | 01124 | 87622 | | |
| Valley | 302 | 22726 | 77018 | 04704 | 28400 | 01123 | 81816 | | |
| Ringway | 334 | 73009 | 59218 | 02303 | 754// | 02267 | 84712 | 87637 | |
| Squires Gate | 318 | 73014 | 70027 | 02305 | 5843/ | 02235 | 82818 | 84622 | 87358 |
| Ronaldsway | 204 | 22818 | 86037 | 02703 | 28400 | 00120 | 82818 | | |
| Mull of Galloway | 131 | 42720 | 86026 | 01103 | 11550 | 01214 | 81825 | 84360 | |
| Eskdalemuir | 162 | 62715 | 81852 | 98902 | 28548 | 52221 | 81820 | 85270 | |
| Prestwick | 135 | 72720 | 63808 | 99003 | 784// | 01212 | 81710 | 84816 | 87625 |
| Abbotsinch | 140 | 72615 | 75258 | 97803 | 6843/ | 00010 | 81818 | 83630 | 86656 |
| Leuchars | 171 | 70000 | 86022 | 97002 | 25606 | 50213 | 82635 | 87270 | |
| Dyce | 091 | 72507 | 89032 | 96101 | 15608 | 52215 | 81635 | 87270 | |
| Lerwick | 005 | 62102 | 70858 | 93401 | 694// | 50315 | 85912 | | |
| Wick | 075 | 22603 | 81031 | 95251 | 19463 | 52216 | 81915 | | |
| Sule Skerry | 010 | 42506 | 80038 | 94304 | 49500 | 01212 | 84920 | | |
| Cape Wrath | 049 | 72715 | 80278 | 94101 | 735// | 01212 | 87920 | | |
| Stornoway | 026 | 62306 | 75268 | 94701 | 48438 | 00213 | 82816 | 83635 | 85364 |
| Benbecula | 022 | 52617 | 75808 | 94704 | 53400 | 02208 | 83915 | 83640 | |
| Tiree | 100 | 52716 | 60278 | 96703 | 29462 | 50211 | 81915 | 83070 | |
| Aldergrove | 917 | 72411 | 75257 | 02401 | 753// | 00316 | 82706 | 83708 | 87622 |
| Malin | 980 | 53029 | 70278 | 99904 | 59500 | 50315 | 85920 | | |
| Belmullet | 976 | 52825 | 72898 | 06504 | 535// | 50230 | 85920 | | |
| Birr | 965 | 12710 | 80018 | 08902 | 15600 | 50232 | 81636 | | |
| Dublin | 969 | 42617 | 80258 | 05702 | 42500 | 00223 | 84822 | | |
| Shannon | 962 | 63023 | 80878 | 11004 | 695// | 01229 | 84920 | 83650 | |
| Roches Point | 952 | 52825 | 75258 | 11804 | 594// | 00125 | 84816 | 81916 | |
| Valentia | 953 | 32821 | 75278 | 14006 | 19560 | 51227 | 81925 | | |

## OBSERVATIONS at 06h. 21 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 22816 | 83031 | 10102 | 28500 | 52227 | 82825 | | |
| Hurn | 862 | 12918 | 81010 | 11404 | 11500 | 51229 | 81828 | | |
| Manston | 797 | 73019 | 81038 | 05204 | 45578 | 00236 | 84625 | 85360 | 87270 |
| Gatwick | 776 | 42814 | 81251 | 07703 | 38402 | 00323 | 82818 | | |
| Kew | 775 | 12813 | 78011 | 07603 | 15500 | 50325 | 81620 | | |
| Heathrow | 772 | 22816 | 81011 | 07304 | 28532 | 01320 | 81820 | | |
| Honington | 586 | 72819 | 80027 | 04302 | 55408 | 00130 | 81615 | 85640 | 85270 |
| Wattisham | 590 | 73021 | 75027 | 04002 | 28432 | 51232 | 81815 | 87075 | |
| Gorleston | 497 | 83015 | 32707 | 03001 | 864// | 51239 | 88715 | | |
| Aberporth | 502 | 43028 | 75031 | 12404 | 38530 | 51223 | 83820 | | |
| Filton | 628 | 52917 | 75031 | 11104 | 58500 | 52228 | 82822 | 84635 | |
| Rhoose | 715 | 22830 | 70038 | 11304 | 28500 | 51224 | 82825 | | |
| Hartland Point | 703 | 63328 | 74032 | 14305 | 58540 | 00327 | 83825 | | |
| Mount Batten | 827 | 33021 | 63168 | 16105 | 33400 | 00221 | 81915 | 83818 | |
| St.Mawgan | 817 | 53126 | 75028 | 16905 | 52500 | 51229 | 85821 | | |
| Scilly | 804 | 23229 | 62018 | 18707 | 28400 | 51225 | 81816 | | |
| Culdrose | 809 | 33216 | 65030 | 17805 | 38400 | 51331 | 81710 | 83630 | |
| Guernsey | 894 | 23032 | 75258 | 15105 | 22502 | 00325 | 82825 | | |
| Elmdon | 534 | 52914 | 75038 | 07503 | 58401 | 52323 | 81818 | 84635 | |
| Cardington | 559 | 52816 | 80036 | 06003 | 45630 | 51325 | 84630 | 84360 | |
| Wittering | 462 | 73117 | 58877 | 05302 | 784// | 01326 | 82710 | 83815 | 85635 |
| Watnall | 354 | 82710 | 70258 | 05602 | 52407 | 51222 | 85818 | 88270 | |
| Shawbury | 414 | 52812 | 73268 | 08202 | 53400 | 52327 | 81915 | 83820 | 85632 |
| Finningley | 360 | 52915 | 83016 | 03803 | 48530 | 51316 | 81820 | 83645 | |
| Spurn Point | 396 | 52818 | 70027 | 02703 | 17571 | 01217 | 81720 | 83360 | 85075 |
| Leeming | 257 | 62810 | 82022 | 03202 | 41571 | 01318 | 84820 | 84360 | 86070 |
| Tynemouth | 262 | 62712 | 80028 | 02602 | 3567/ | 51223 | 83630 | 86358 | |
| Carlisle | 222 | 72611 | 80258 | 03502 | 684/2 | 01324 | 83713 | 83818 | 85645 |
| Valley | 302 | 42926 | 75011 | 10204 | 48400 | 00330 | 84816 | | |
| Ringway | 334 | 72918 | 50838 | 06003 | 784// | 01221 | 81710 | 87818 | |
| Squires Gate | 318 | 63022 | 75038 | 06104 | 5853/ | 01325 | 83820 | 85630 | |
| Ronaldsway | 204 | 52925 | 86031 | 07603 | 58500 | 51230 | 84820 | | |
| Mull of Galloway | 131 | 43230 | 75268 | 05901 | 49300 | 01230 | 81708 | 83915 | |
| Eskdalemuir | 162 | 62821 | 62268 | 02301 | 625// | 51222 | 86820 | | |
| Prestwick | 135 | 43218 | 75268 | 03303 | 49403 | 00326 | 81710 | 81914 | 83818 |
| Abbotsinch | 140 | 73008 | 50848 | 02402 | 792// | 51328 | 83705 | 87912 | |
| Leuchars | 171 | 62610 | 86031 | 00401 | 39402 | 51322 | 81915 | 85070 | |
| Dyce | 091 | 72907 | 70268 | 99101 | 694/2 | 50222 | 81915 | 86645 | |
| Lerwick | 005 | 53207 | 70268 | 96800 | 59400 | 51318 | 83910 | | |
| Wick | 075 | 42607 | 81030 | 98752 | 19463 | 53221 | 81915 | | |
| Sule Skerry | 010 | 72906 | 70158 | 98203 | 795// | 01223 | 87920 | | |
| Cape Wrath | 049 | 63225 | 60898 | 97502 | 694// | 00219 | 86915 | | |
| Stornoway | 026 | 72607 | 60268 | 00001 | 793// | 04235 | 83709 | 86912 | |
| Benbecula | 022 | 72825 | 66878 | 00905 | 793// | 03236 | 82708 | 87912 | |
| Tiree | 100 | 53023 | 70278 | 03403 | 39402 | 50239 | 83918 | | |
| Aldergrove | 917 | 32511 | 70018 | 07801 | 29301 | 50234 | 81706 | 81915 | |
| Malin | 980 | 33033 | 83268 | 06705 | 33500 | 52330 | 83920 | | |
| Belmullet | 976 | 52821 | 78258 | 12605 | 535// | 50230 | 84920 | | |
| Birr | 965 | 12607 | 75018 | 14201 | 12500 | 50325 | 81820 | | |
| Dublin | 969 | 32716 | 80030 | 11201 | 39500 | 51337 | 81920 | 83638 | |
| Shannon | 962 | 53117 | 70808 | 15904 | 535// | 02328 | 83920 | 83645 | |
| Roches Point | 952 | 32719 | 75258 | 17603 | 39400 | 01323 | 83915 | | |
| Valentia | 953 | 33023 | 75258 | 18207 | 33500 | 50312 | 83925 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00021 | 51 | + | + |
| Hurn | 862 | 00041 | 02 | + | + |
| Manston | 797 | 97041 | 02 | rpr. | ir. |
| Gatwick | 776 | 97031 | 50 | + | pr. |
| Kew | 775 | 00031 | 01 | + | + |
| Heathrow | 772 | 00031 | 50 | + | + |
| Honington | 586 | 03011 | 50 | r.r-rs-s | rs |
| Wattisham | 590 | 02012 | 50 | r.r.rss | srsr. |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00031 | 02 | + | + |
| Filton | 628 | 97041 | 02 | pr. | + |
| Rhoose | 715 | 97031 | 01 | pr.s. | + |
| Hartland Point | 703 | 07041 | 03 | | |
| Mount Batten | 827 | 01041 | 01 | pr.pr | prpr. |
| St.Mawgan | 817 | 01051 | 01 | prph.r. | pr. |
| Scilly | 804 | 06061 | 03 | pr | prpr. |
| Culdrose | 809 | 95041 | 03 | pr. | pr. |
| Guernsey | 894 | 95041 | 03 | pr. | pr. |
| Elmdon | 534 | 97021 | 52 | r.pr. | pr.pr.s. |
| Cardington | 559 | 92021 | 50 | ir. | pr. |
| Wittering | 462 | 96021 | 00 | pr.r.s.rs | ph.pr. |
| Watnall | 354 | 01011 | 51 | ir.pr. | ps.pr. |
| Shawbury | 414 | 91021 | 52 | pr. | pr.s.ps |
| Finningley | 360 | 04001 | 00 | rss.srr.d.r. | + |
| Spurn Point | 396 | | | ps. | ir. |
| Leeming | 257 | 96021 | 00 | rrr.pr. | + |
| Tynemouth | 262 | 97021 | 00 | pr. | + |
| Carlisle | 222 | 97021 | 50 | r. | pr.pr.s.ps. |
| Valley | 302 | 00031 | 01 | + | + |
| Ringway | 334 | 01021 | 00 | r.r.prs | pr.s.ps. |
| Squires Gate | 318 | 91031 | 02 | r. | pr. |
| Ronaldsway | 204 | 97021 | 50 | + | pr.s. |
| Mull of Galloway | 131 | 04005 | | | |
| Eskdalemuir | 162 | 93015 | 52 | ps. | ps.f |
| Prestwick | 135 | 01011 | 00 | pr. | pr.pr.s.phpr. |
| Abbotsinch | 140 | 03501 | 50 | pr.s.psprs | pSpr.s.prs |
| Leuchars | 171 | 00511 | 53 | + | + |
| Dyce | 091 | 92511 | 53 | + | pr.s.ps. |
| Lerwick | 005 | 01513 | 55 | pr. | + |
| Wick | 075 | 00533 | 54 | + | + |
| Sule Skerry | 010 | 02022 | 01 | | |
| Cape Wrath | 049 | 03001 | 00 | ph. | ph.r. |
| Stornoway | 026 | 01005 | 51 | pr.s.prs | pr.s. |
| Benbecula | 022 | 02021 | 50 | pr. | pr.ph.r. |
| Tiree | 100 | 02011 | 00 | phrph.r. | ph.r.ph. |
| Aldergrove | 917 | 95505 | 51 | pr.ps. | ps.psps. |
| Malin | 980 | 0401 | 00 | | |
| Belmullet | 976 | 0102 | 01 | | |
| Birr | 965 | 9701 | 51 | | |
| Dublin | 969 | 9201 | 51 | | |
| Shannon | 962 | 0402 | 00 | | |
| Roches Point | 952 | 0103 | 01 | | |
| Valentia | 953 | 0303 | 01 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 21001 | 81917 | 98022 | 04606 | 856// | 00741 | 88640 | ///// | 05103 | 10718 | 3//09 | 26/13 |
| L | 99570 | 70203 | 21004 | 42742 | 98268 | 03204 | 49400 | 61232 | 81910 | 83815 | 0//51 | 10928 | 31119 | 31112 |
| M | 99648 | 10025 | 21004 | 81830 | 96506 | 94603 | 854// | 41320 | 85712 | 88615 | 0//03 | 10614 | 30605 | 19910 |
| R | 99470 | 70172 | 21004 | 13019 | 98021 | 30010 | 15600 | 00212 | 81640 | ///// | 0//04 | 11147 | 30906 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 21061 | 62118 | 97216 | 93506 | 25552 | 00744 | ///// | ///// | 00204 | 10608 | 3//10 | 26/13 |
| L | 99570 | 70206 | 21064 | 62638 | 98038 | 06005 | 32431 | 61108 | 83815 | 86070 | 0//02 | 10927 | 31216 | 31112 |
| M | 99646 | 10027 | 21064 | 81827 | 96808 | 99602 | 894// | 41319 | 85610 | 83915 | 0//01 | 10627 | 30504 | 19807 |
| R | 99470 | 70171 | 21064 | 72515 | 98031 | 30510 | 756// | 00501 | 87640 | ///// | 0//04 | 11145 | 30905 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42489

Date of Issue WEDNESDAY 22 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 21 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 63022 | 86021 | 16108 | 62600 | 53235 | 86835 | | |
| Hurn | 862 | 53023 | 80011 | 17209 | 51600 | 50232 | 85830 | | |
| Manston | 797 | 43022 | 81021 | 11407 | 48500 | 00232 | 84825 | | |
| Gatwick | 776 | 73118 | 83251 | 14206 | 786// | 52237 | 85832 | 84645 | |
| Kew | 775 | 43117 | 83278 | 13907 | 43500 | 51235 | 81925 | | |
| Heathrow | 772 | 53020 | 82251 | 13807 | 58600 | 51234 | 83835 | | |
| Honington | 586 | 62925 | 82012 | 10206 | 626/2 | 51230 | 86830 | | |
| Wattisham | 590 | 63028 | 82158 | 10005 | 694// | 50226 | 81914 | 84822 | |
| Gorleston | 497 | 73123 | 66037 | 08406 | 755// | 51230 | 87625 | | |
| Aberporth | 502 | 13120 | 82021 | 18806 | 11501 | 00131 | 81820 | | |
| Filton | 628 | 43223 | 84031 | 17708 | 41600 | 51133 | 84830 | | |
| Rhoose | 715 | 62919 | 80031 | 18807 | 68500 | 52236 | 85825 | | |
| Hartland Point | 703 | 23218 | 74021 | 21006 | 22500 | 01234 | 82825 | | |
| Mount Batten | 827 | 63022 | 85031 | 22308 | 62400 | 01234 | 86816 | | |
| St.Mawgan | 817 | 33023 | 81011 | 22408 | 32500 | 01225 | 83822 | | |
| Scilly | 804 | 23223 | 81258 | 24709 | 22460 | 02226 | 82818 | | |
| Culdrose | 809 | 43123 | 80021 | 23409 | 48500 | 02128 | 84820 | | |
| Guernsey | 894 | 33030 | 82030 | 21608 | 32500 | 01129 | 83825 | | |
| Elmdon | 534 | 63126 | 81038 | 13507 | 58501 | 54232 | 85828 | | |
| Cardington | 559 | 72919 | 72258 | 12406 | 795// | 00234 | 83920 | 83825 | 85640 |
| Wittering | 462 | 23028 | 82018 | 11106 | 23403 | 51233 | 81918 | | |
| Watnall | 354 | 42917 | 82038 | 12205 | 48501 | 51234 | 84820 | | |
| Shawbury | 414 | 63118 | 83258 | 15207 | 62540 | 51238 | 86825 | | |
| Finningley | 360 | 33022 | 82031 | 10407 | 32500 | 50233 | 83826 | | |
| Spurn Point | 396 | 62919 | 75011 | 08606 | 625// | 51234 | 86820 | | |
| Leeming | 257 | 13025 | 89021 | 09607 | 12500 | 00231 | 81820 | | |
| Tynemouth | 262 | 52922 | 80021 | 08106 | 52600 | 53234 | 85830 | | |
| Carlisle | 222 | 42816 | 84018 | 10307 | 42530 | 00226 | 84825 | | |
| Valley | 302 | 12928 | 80021 | 16808 | 18400 | 02229 | 81818 | | |
| Ringway | 334 | 72922 | 70158 | 13105 | 725// | 00236 | 83820 | 87825 | |
| Squires Gate | 318 | 73019 | 75038 | 13906 | 685/2 | 02234 | 85822 | 85640 | |
| Ronaldsway | 204 | 22922 | 82018 | 14706 | 28500 | 01131 | 82820 | | |
| Mull of Galloway | 131 | 33225 | 80018 | 12705 | 39400 | 03224 | 83910 | | |
| Eskdalemuir | 162 | 42924 | 84031 | 09905 | 49402 | 51240 | 81918 | 83820 | |
| Prestwick | 135 | 62909 | 75258 | 11305 | 694// | 02137 | 81710 | 82912 | 84645 |
| Abbotsinch | 140 | 42813 | 60808 | 09607 | 49400 | 01133 | 82914 | 84818 | |
| Leuchars | 171 | 63118 | 89031 | 07707 | 58560 | 53235 | 84828 | | |
| Dyce | 091 | 62917 | 86038 | 05707 | 42542 | 51128 | 84825 | | |
| Lerwick | 005 | 32610 | 84021 | 01706 | 39403 | 00219 | 82912 | | |
| Wick | 075 | 52919 | 83151 | 04306 | 39463 | 01229 | 83915 | 83070 | |
| Sule Skerry | 010 | 32915 | 82018 | 03806 | 39502 | 00227 | 83920 | | |
| Cape Wrath | 049 | 52722 | 82158 | 03905 | 59400 | 00223 | 82915 | 84820 | |
| Stornoway | 026 | 62824 | 70878 | 06005 | 694// | 02226 | 84912 | 83818 | |
| Benbecula | 022 | 22624 | 80158 | 08007 | 29400 | 04228 | 82916 | | |
| Tiree | 100 | 62820 | 80158 | 10107 | 6946/ | 02231 | 82915 | 84822 | |
| Aldergrove | 917 | 32413 | 70018 | 14905 | 33400 | 03230 | 81711 | 82915 | |
| Malin | 980 | 73025 | 70878 | 13406 | 735// | 02230 | 87920 | | |
| Belmullet | 976 | 52612 | 72038 | 16909 | 535// | 03214 | 84820 | 81920 | 84640 |
| Birr | 965 | 52711 | 82038 | 19306 | 585// | 02118 | 83821 | 83636 | |
| Dublin | 969 | 52818 | 83038 | 17108 | 525// | 50226 | 85822 | | |
| Shannon | 962 | 72813 | 80038 | 20909 | 734// | 05216 | 81715 | 85821 | 82921 |
| Roches Point | 952 | 52824 | 75258 | 21509 | 53400 | 02009 | 85816 | 81916 | |
| Valentia | 953 | 72706 | 80038 | 22609 | 11532 | 03113 | 81825 | 84362 | 86070 |

## OBSERVATIONS at 18h. 21 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 22816 | 84031 | 20306 | 11602 | 01322 | 81838 | | |
| Hurn | 862 | 63014 | 81031 | 21107 | 11604 | 01220 | 81835 | 85075 | |
| Manston | 797 | 23216 | 80018 | 16906 | 24500 | 50231 | 81825 | | |
| Gatwick | 776 | 43013 | 84148 | 18308 | 38601 | 52222 | 82840 | | |
| Kew | 775 | 33012 | 81018 | 18108 | 34500 | 52223 | 81825 | | |
| Heathrow | 772 | 23014 | 82018 | 18108 | 28601 | 51222 | 82840 | | |
| Honington | 586 | 12818 | 81018 | 15906 | 11603 | 51231 | 81830 | | |
| Wattisham | 590 | 13017 | 80258 | 15805 | 12600 | 50231 | 81830 | | |
| Gorleston | 497 | 43312 | 66021 | 14907 | 48500 | 51235 | 82820 | 84625 | |
| Aberporth | 502 | 82512 | 65031 | 20806 | 755/7 | 03208 | 82625 | 87650 | 88272 |
| Filton | 628 | 62808 | 82031 | 20907 | 14635 | 00317 | 81645 | 84075 | |
| Rhoose | 715 | 72716 | 70251 | 21306 | 24505 | 03214 | 81825 | 86075 | |
| Hartland Point | 703 | 72820 | 80031 | 22807 | 48576 | 03106 | 81820 | 84645 | 87275 |
| Mount Batten | 827 | 73014 | 75021 | 23308 | 12536 | 03207 | 81822 | 85272 | 87075 |
| St.Mawgan | 817 | 62715 | 80021 | 23708 | 18574 | 05601 | 81820 | 86075 | |
| Scilly | 804 | 22814 | 71028 | 24809 | 12442 | 04000 | 81818 | | |
| Culdrose | 809 | 32912 | 70020 | 24408 | 12532 | 04302 | 81820 | | |
| Guernsey | 894 | 33018 | 81010 | 24707 | 12501 | 02114 | 81825 | 83075 | |
| Elmdon | 534 | 23314 | 80018 | 18307 | 18502 | 55223 | 81825 | | |
| Cardington | 559 | 13014 | 82018 | 17707 | 14600 | 51225 | 81635 | | |
| Wittering | 462 | 13018 | 80021 | 16806 | 11501 | 52326 | 81825 | | |
| Watnall | 354 | 22810 | 70031 | 17305 | 14601 | 00222 | 81835 | | |
| Shawbury | 414 | 62908 | 75038 | 18406 | 28534 | 00213 | 81820 | 85070 | |
| Finningley | 360 | 22916 | 82011 | 15806 | 12661 | 00122 | 81830 | | |
| Spurn Point | 396 | 22820 | 75011 | 14107 | 11501 | 01228 | 81820 | | |
| Leeming | 257 | 32613 | 86030 | 14405 | 18505 | 01120 | 81820 | 83275 | |
| Tynemouth | 262 | 22812 | 80021 | 13007 | 10934 | 51222 | 81359 | | |
| Carlisle | 222 | 52911 | 80028 | 14406 | 28402 | 00216 | 81717 | 84074 | |
| Valley | 302 | 72512 | 81031 | 19207 | 58576 | 03310 | 81820 | 85638 | 87275 |
| Ringway | 334 | 42913 | 66021 | 17306 | 42541 | 01218 | 84822 | | |
| Squires Gate | 318 | 72912 | 70031 | 16906 | 18534 | 03216 | 81825 | 86075 | |
| Ronaldsway | 204 | 72712 | 80031 | 16607 | 28546 | 02206 | 81822 | 87275 | |
| Mull of Galloway | 131 | 62915 | 80028 | 15906 | 11501 | 03101 | 81825 | 86075 | |
| Eskdalemuir | 162 | 62915 | 81801 | 13803 | 49404 | 51316 | 82918 | 86075 | |
| Prestwick | 135 | 62914 | 70031 | 14306 | 38406 | 01212 | 81814 | 83645 | 85270 |
| Abbotsinch | 140 | 52708 | 75038 | 12906 | 18505 | 00314 | 81824 | 85075 | |
| Leuchars | 171 | 22513 | 86011 | 11106 | 18535 | 51214 | 81828 | | |
| Dyce | 091 | 12711 | 86011 | 09805 | 18640 | 53315 | 81830 | | |
| Lerwick | 005 | 42506 | 86038 | 04203 | 19403 | 51210 | 81912 | 83070 | |
| Wick | 075 | 52511 | 80028 | 07504 | 29432 | 00215 | 81915 | 83075 | |
| Sule Skerry | 010 | 22716 | 81018 | 06105 | 29500 | 03208 | 82920 | | |
| Cape Wrath | 049 | 52718 | 82278 | 06203 | 59500 | 03210 | 82915 | 84820 | |
| Stornoway | 026 | 62514 | 60808 | 07405 | 693// | 02302 | 81708 | 86914 | |
| Benbecula | 022 | 62311 | 81158 | 08706 | 59433 | 04601 | 81915 | 83640 | |
| Tiree | 100 | 72512 | 75038 | 11107 | 33436 | 04701 | 81918 | 87272 | |
| Aldergrove | 917 | 72408 | 80258 | 16005 | 45636 | 03000 | 84640 | 86275 | |
| Malin | 980 | 72317 | 75028 | 13907 | 785/2 | 04501 | 81820 | 87650 | 87075 |
| Belmullet | 976 | 82113 | 68028 | 15008 | 6547/ | 05616 | 83717 | 85638 | 88360 |
| Birr | 965 | 72207 | 82022 | 18608 | 28506 | 04804 | 81822 | 87268 | |
| Dublin | 969 | 72409 | 75038 | 17907 | 25576 | 02303 | 81622 | 83360 | 87270 |
| Shannon | 962 | 72511 | 80018 | 18808 | 1467/ | 05818 | 81635 | 83359 | 87464 |
| Roches Point | 952 | 72217 | 80028 | 20709 | 58571 | 03706 | 81820 | 85640 | 87073 |
| Valentia | 953 | 72013 | 80028 | 19709 | 3253/ | 06823 | 83821 | 87359 | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00091 | 090 | + | + |
| Hurn | 862 | 00101 | 104 | + | + |
| Manston | 797 | 91081 | 075 | pr. | pr.s. |
| Gatwick | 776 | 97081 | 073 | pr.pr.s. | pr. |
| Kew | 775 | 97091 | 063 | pr.ph. | jp |
| Heathrow | 772 | 97091 | 050 | pr. | jp |
| Honington | 586 | 97081 | 063 | pr. | pr. |
| Wattisham | 590 | 91072 | 073 | pr.s.pr. | pr. |
| Gorleston | 497 | | 054 | | |
| Aberporth | 502 | 97081 | 065 | + | ir. |
| Filton | 628 | 00090 | 093 | + | + |
| Rhoose | 715 | 97091 | 077 | jp | pr. |
| Hartland Point | 703 | 00070 | 079 | | |
| Mount Batten | 827 | 00101 | 099 | + | + |
| St.Mawgan | 817 | 00091 | 092 | + | + |
| Scilly | 804 | 95101 | 080 | pr. | pr. |
| Culdrose | 809 | 97100 | 099 | pr. | + |
| Guernsey | 894 | 00091 | 102 | + | + |
| Elmdon | 534 | 97091 | 088 | pr. | jp |
| Cardington | 559 | 97091 | 087 | pr.ph.r. | + |
| Wittering | 462 | 00081 | 089 | + | + |
| Watnall | 354 | 97081 | 089 | pr. | + |
| Shawbury | 414 | 97091 | 075 | pr. | + |
| Finningley | 360 | 00081 | 088 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00091 | 093 | + | + |
| Tynemouth | 262 | 00091 | 082 | + | + |
| Carlisle | 222 | 91091 | 084 | pr. | pr. |
| Valley | 302 | 97091 | 093 | + | ir. |
| Ringway | 334 | 94071 | 068 | pr.s. | + |
| Squires Gate | 318 | 97071 | 088 | pr. | + |
| Ronaldsway | 204 | 00081 | 093 | + | + |
| Mull of Galloway | 131 | 02071 | | | |
| Eskdalemuir | 162 | 97071 | 098 | + | pr. |
| Prestwick | 135 | 93091 | 079 | pr. | + |
| Abbotsinch | 140 | 01091 | 088 | pr.prs | pr. |
| Leuchars | 171 | 00091 | 102 | + | + |
| Dyce | 091 | 00081 | 098 | + | + |
| Lerwick | 005 | 96071 | 079 | + | ph.r.pr. |
| Wick | 075 | 96071 | 079 | phr | ph.r. |
| Sule Skerry | 010 | 02072 | | | |
| Cape Wrath | 049 | 01062 | 071 | ph.r. | ph.r. |
| Stornoway | 026 | 92071 | 075 | pr.s. | pr. |
| Benbecula | 022 | 01071 | 065 | pr. | pr. |
| Tiree | 100 | 92071 | 069 | pr. | + |
| Aldergrove | 917 | 92071 | 057 | pr.s.pr. | pr.ir.r. |
| Malin | 980 | 0109 | 042 | | |
| Belmullet | 976 | 0110 | 044 | | |
| Birr | 965 | 9710 | 073 | | |
| Dublin | 969 | 0209 | 071 | | |
| Shannon | 962 | 0111 | 034 | | |
| Roches Point | 952 | 9710 | 076 | | |
| Valentia | 953 | 9411 | 042 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

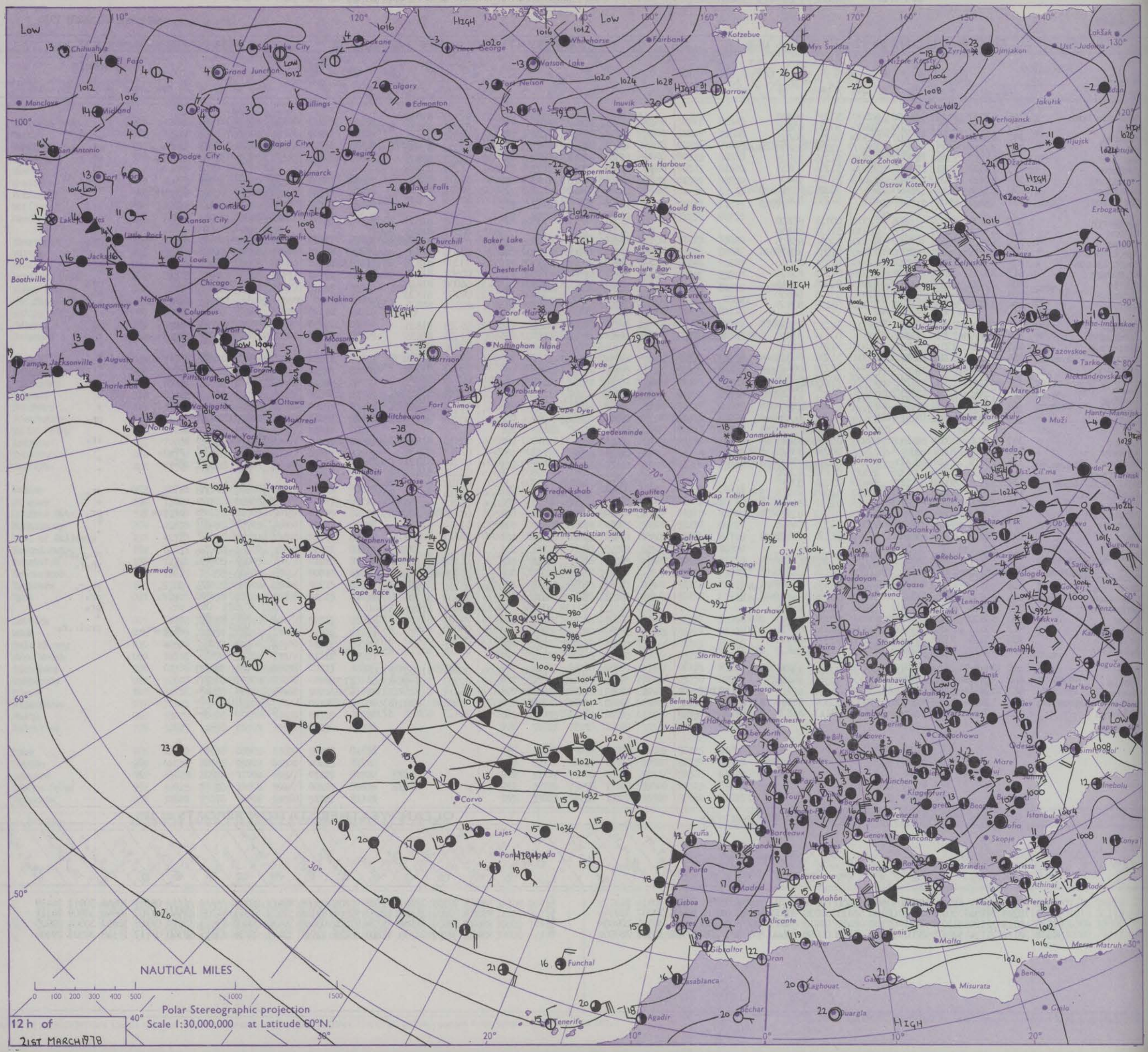
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 21121 | 62322 | 97278 | 91502 | 63400 | 00510 | ///// | ///// | 05752 | 10627 | 30814 | 24317 |
| L | 99571 | 70203 | 21124 | 72023 | 97218 | 03106 | 58421 | 00729 | 83814 | 84640 | 0//05 | 10906 | 30707 | 31914 |
| M | 99645 | 10028 | 21124 | 51822 | 97012 | 02302 | 48430 | 00112 | 84813 | ///// | 0//00 | 10665 | 30504 | 20905 |
| R | 99470 | 70170 | 21124 | 52117 | 98031 | 29711 | 35602 | 00808 | 83640 | 85073 | 0//08 | 11162 | 30502 | 28905 |

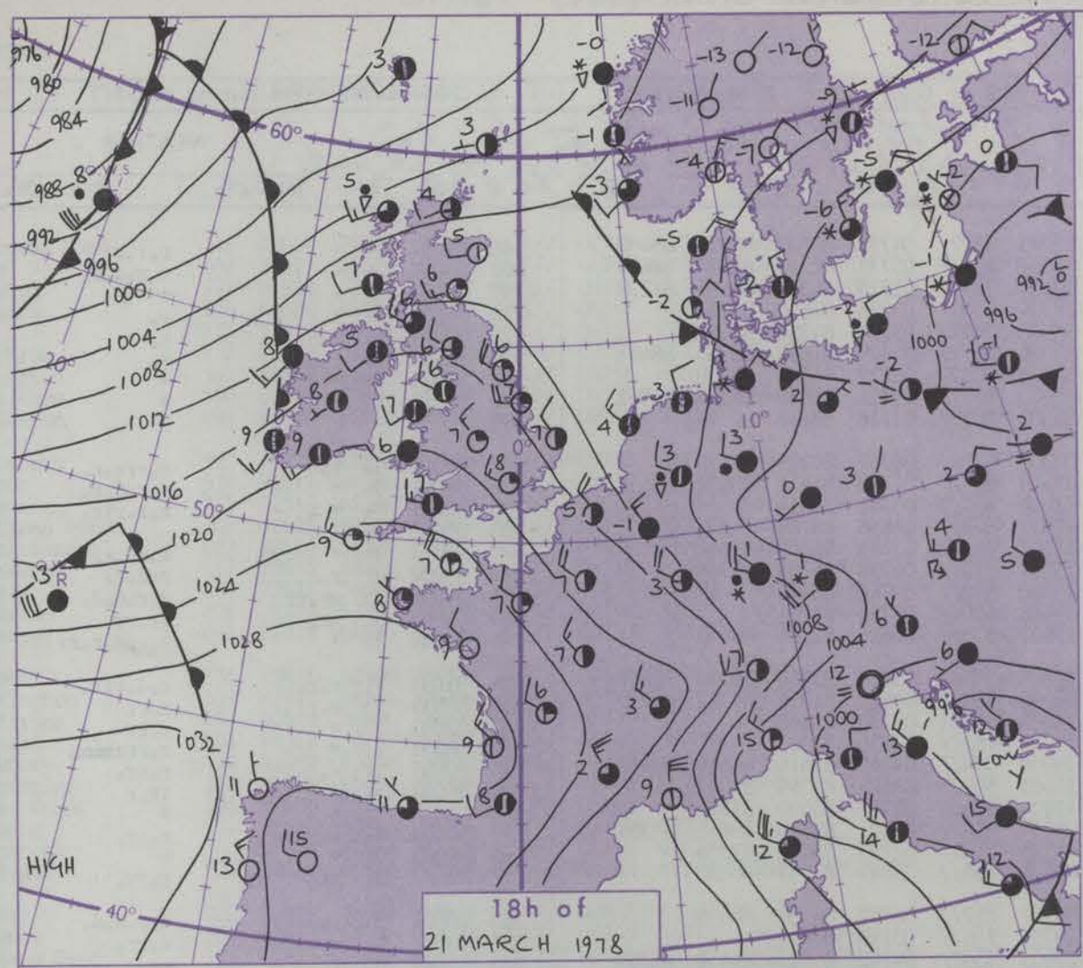
## OCEAN WEATHER STATION REPORTS at 18h.

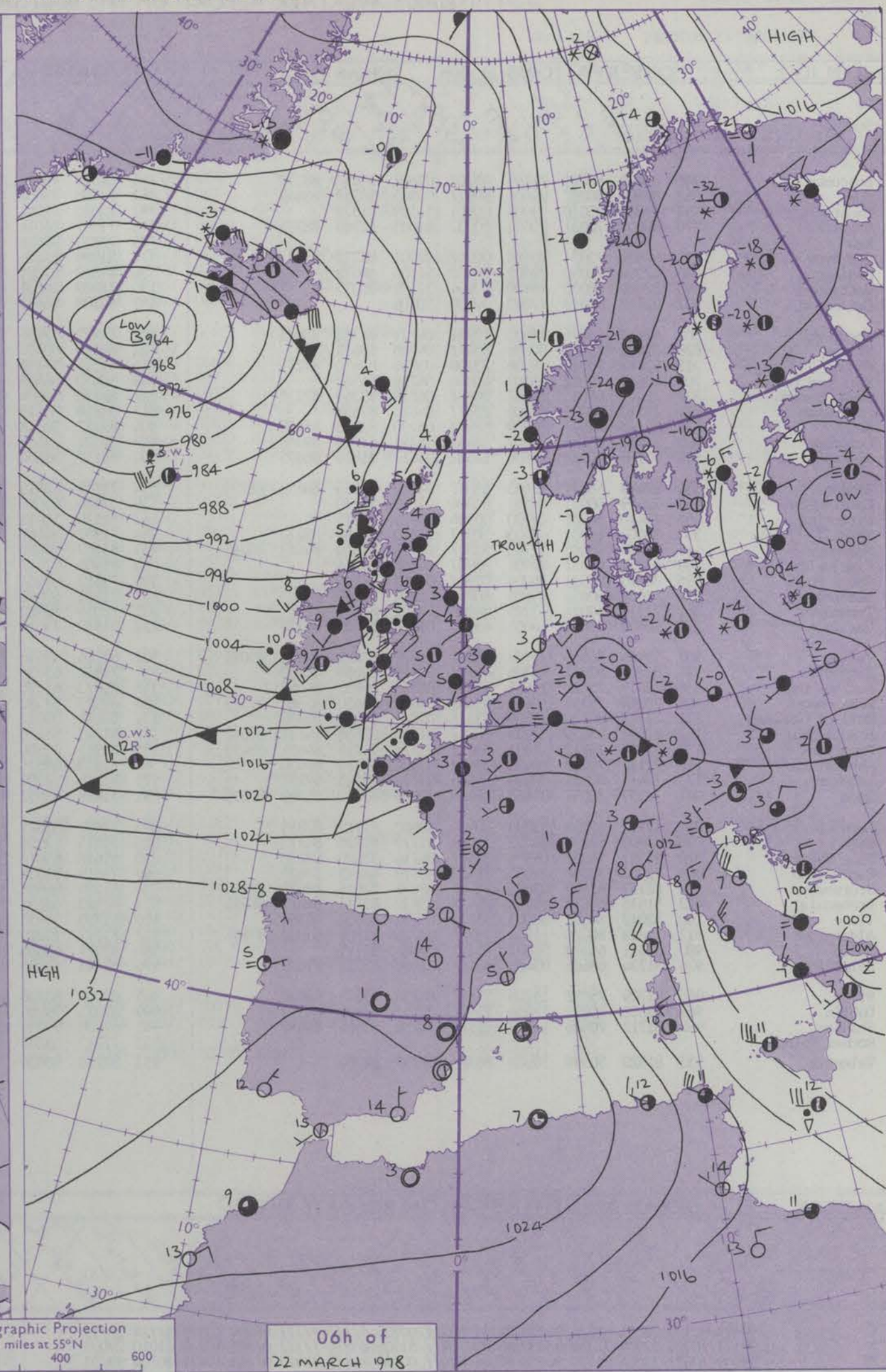
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 21181 | 82723 | 95858 | 96501 | 834// | 00226 | ///// | ///// | 06051 | 10644 | 30912 | 24419 |
| L | 99571 | 70203 | 21184 | 82037 | 97606 | 89108 | 5732/ | 41871 | 84709 | 88540 | 0//07 | 10940 | 30909 | 24111 |
| M | 99647 | 10030 | 21184 | 71724 | 97802 | 03402 | 59430 | 00002 | 83813 | 85917 | 0//02 | 10657 | 30504 | 20905 |
| R | 99471 | 70169 | 21184 | 82228 | 96256 | 22012 | 3247/ | 00736 | 83815 | 88360 | 0//12 | 11146 | 30503 | 29106 |

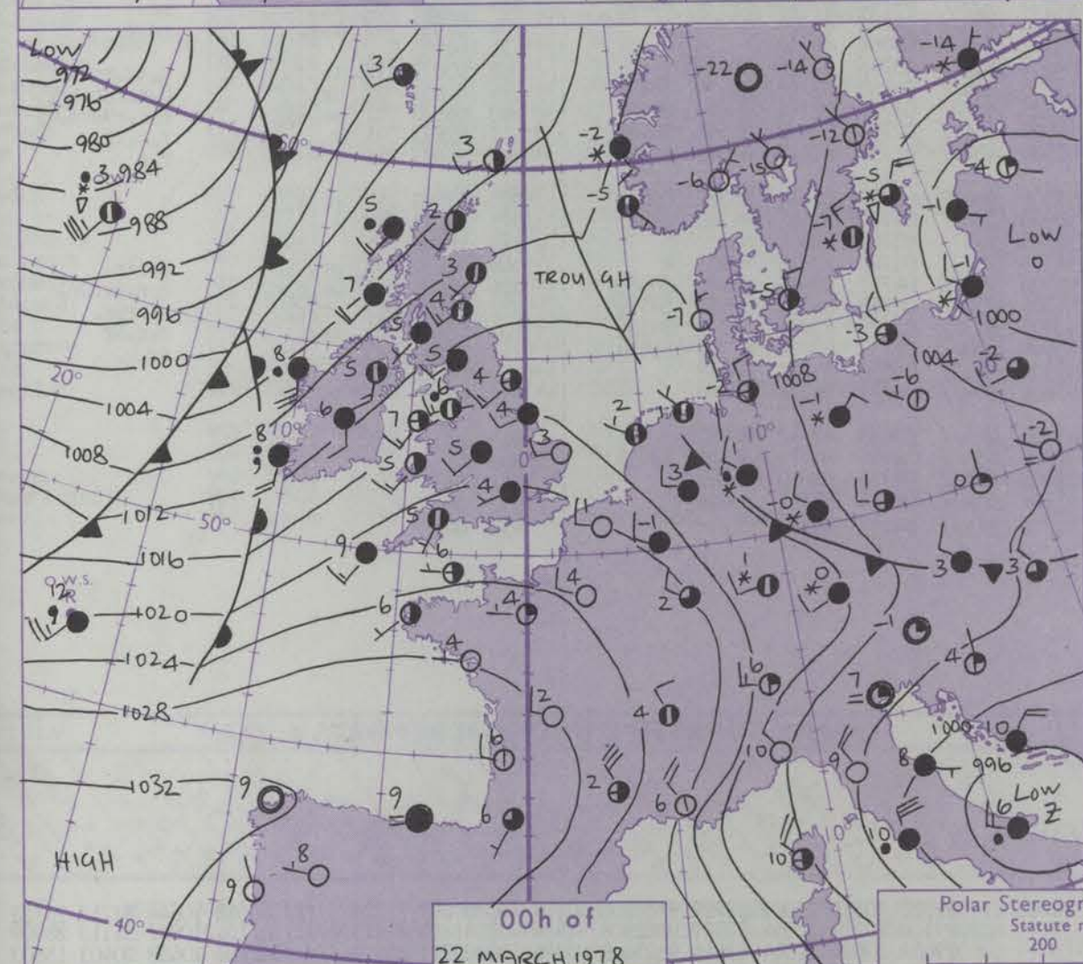
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
22 MARCH 1978

Issued at midday WEDNESDAY 22 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a weak ridge of high pressure moved east across the British Isles as a frontal trough moved towards western districts.

During the next 24 hours the frontal trough to the west is expected to move east across the British Isles establishing a cold westerly airstream over all parts.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V

## OBSERVATIONS at 00h. 22 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82409 | 80021 | 21104 | 45707 | 02801 | 84650 | 88270 | |
| Hurn | 862 | 82507 | 80032 | 21606 | 8097/ | 03805 | 83358 | 88462 | |
| Manston | 797 | 12807 | 75010 | 19903 | 00901 | 51109 | 81072 | | |
| Gatwick | 776 | 82607 | 70031 | 20604 | 20937 | 01003 | 82365 | 88275 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82607 | 72031 | 20104 | 00907 | 02001 | 88272 | | |
| Honington | 586 | 42509 | 78030 | 18502 | 00902 | 51106 | 84072 | | |
| Wattisham | 590 | 32610 | 68030 | 18900 | 00904 | 52106 | 83075 | | |
| Gorleston | 497 | 02710 | 66018 | 17803 | 00900 | 50106 | | | |
| Aberporth | 502 | 42113 | 75016 | 17605 | 10931 | 04721 | 81362 | 83075 | |
| Filton | 628 | 82408 | 65032 | 20506 | 854// | 04706 | 88614 | | |
| Rhoose | 715 | 52411 | 70012 | 19906 | 25708 | 05816 | 82650 | 84275 | |
| Hartland Point | 703 | 42622 | 74012 | 20107 | 40940 | 06719 | 84360 | | |
| Mount Batten | 827 | 72411 | 64021 | 21907 | 30938 | 06818 | 83365 | 87275 | |
| St.Mawgan | 817 | 72110 | 80032 | 21406 | 757// | 04820 | 87650 | | |
| Scilly | 804 | 82113 | 62021 | 20909 | 884// | 05730 | 81818 | 88628 | |
| Culdrose | 809 | 72411 | 65031 | 21907 | 3243/ | 06721 | 81710 | 87360 | |
| Guernsey | 894 | 52706 | 80028 | 23606 | 11502 | 03817 | 81820 | 85075 | |
| Elmdon | 534 | 82409 | 68021 | 18605 | 656/7 | 01806 | 81635 | 86656 | 88270 |
| Cardington | 559 | 72409 | 60051 | 18901 | 00906 | 01803 | 87270 | | |
| Wittering | 462 | 72410 | 64031 | 18103 | 00906 | 50804 | 87275 | | |
| Watnall | 354 | 82407 | 65031 | 17403 | 30917 | 01810 | 83464 | 88270 | |
| Shawbury | 414 | 82207 | 75602 | 17705 | 5552/ | 03814 | 81620 | 84623 | 88461 |
| Finningley | 360 | 81706 | 68021 | 16502 | 00907 | 00802 | 88275 | | |
| Spurn Point | 396 | 82610 | 65031 | 16204 | 00907 | 01002 | 88275 | | |
| Leeming | 257 | 82608 | 80031 | 14605 | 8091/ | 02807 | 88468 | | |
| Tynemouth | 262 | 72510 | 69021 | 13905 | 00906 | 50802 | 87275 | | |
| Carlisle | 222 | 82409 | 70021 | 14005 | 655/7 | 02809 | 86624 | 88270 | |
| Valley | 302 | 52016 | 80016 | 15707 | 25532 | 04820 | 82622 | 84359 | 85075 |
| Ringway | 334 | 82209 | 62021 | 16704 | 4567/ | 02812 | 84640 | 88360 | |
| Squires Gate | 318 | 72615 | 75602 | 15606 | 6565/ | 04816 | 86633 | 86362 | |
| Ronaldsway | 204 | 72214 | 75212 | 13606 | 35638 | 04831 | 83630 | 83360 | 87273 |
| Mull of Galloway | 131 | 82325 | 80216 | 12606 | 4551/ | 05728 | 84625 | 88460 | |
| Eskdalemuir | 162 | 81602 | 65038 | 13302 | 853// | 01716 | 82708 | 84711 | 88640 |
| Prestwick | 135 | 82107 | 70212 | 11305 | 5541/ | 03721 | 81714 | 84624 | 88459 |
| Abbotsinch | 140 | 72112 | 70258 | 10405 | 4847/ | 03824 | 81816 | 84630 | 87362 |
| Leuchars | 171 | 72415 | 82031 | 10404 | 55608 | 01714 | 85645 | 87272 | |
| Dyce | 091 | 72207 | 82031 | 09103 | 25638 | 52613 | 82640 | 85360 | 87275 |
| Lerwick | 005 | 42510 | 82268 | 03703 | 49400 | 50607 | 81912 | 83815 | |
| Wick | 075 | 42008 | 82031 | 06202 | 11405 | 51711 | 81818 | 84272 | |
| Sule Skerry | 010 | 82321 | 74038 | 04306 | 32507 | 04716 | 83820 | 88270 | |
| Cape Wrath | 049 | 72322 | 70808 | 04004 | 784// | 03719 | 86815 | 87620 | |
| Stornoway | 026 | 82117 | 62618 | 03605 | 7542/ | 03831 | 82616 | 86625 | 88460 |
| Benbecula | 022 | 81816 | 65618 | 03706 | 854// | 05832 | 82711 | 84617 | 88626 |
| Tiree | 100 | 82019 | 80032 | 06007 | 3577/ | 05734 | 83650 | 88360 | |
| Aldergrove | 917 | 71813 | 80026 | 11305 | 755// | 03736 | 82620 | 83630 | 87646 |
| Malin | 980 | 41821 | 65108 | 07605 | 25432 | 04841 | 81711 | | |
| Belmullet | 976 | 81724 | 68606 | 05408 | 864// | 05759 | 85717 | 87638 | |
| Birr | 965 | 81709 | 75038 | 11706 | 3567/ | 04750 | 83633 | 88460 | |
| Dublin | 969 | 72010 | 75016 | 12806 | 1563/ | 02747 | 81635 | 86360 | |
| Shannon | 962 | 81712 | 70606 | 11107 | 855// | 06756 | 85622 | 88630 | |
| Roches Point | | | | | | | | | |
| Valentia | 953 | 81820 | 50598 | 10508 | 863// | 07757 | 88706 | | |

## OBSERVATIONS at 06h. 22 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81810 | 70602 | 15005 | 4627/ | 04735 | 84705 | 86358 | 88460 |
| Hurn | 862 | 81808 | 70602 | 15607 | 854// | 05737 | 81718 | 83620 | 88650 |
| Manston | 797 | 72010 | 70011 | 17103 | 70978 | 02715 | 84360 | 86465 | 87270 |
| Gatwick | 776 | 71907 | 65016 | 16304 | 7577/ | 03726 | 81650 | 87657 | |
| Kew | 775 | 72007 | 75026 | 15305 | 7097/ | 03724 | 84358 | 87460 | |
| Heathrow | 772 | 81908 | 65026 | 15305 | 1577/ | 04729 | 81650 | 86360 | 88464 |
| Honington | 586 | 81807 | 62031 | 14603 | 60977 | 02722 | 86362 | 88270 | |
| Wattisham | 590 | 72009 | 60031 | 15203 | 1577/ | 01721 | 81650 | 83359 | 87362 |
| Gorleston | 497 | 82108 | 66031 | 15203 | 8097/ | 01716 | 88358 | | |
| Aberporth | 502 | 81725 | 57616 | 07306 | 6732/ | 06761 | 86708 | 88515 | |
| Filton | 628 | 82110 | 60602 | 13406 | 4542/ | 04742 | 81712 | 83620 | 88556 |
| Rhoose | 715 | 81511 | 57636 | 12006 | 854// | 05741 | 88616 | | |
| Hartland Point | 703 | 82030 | 66616 | 10307 | 873// | 06856 | 88708 | | |
| Mount Batten | 827 | 82120 | 40636 | 13307 | 852// | 07746 | 86705 | 88612 | |
| St.Mawgan | 817 | 81818 | 58616 | 11207 | 872// | 06758 | 85703 | 88706 | |
| Scilly | 804 | 82222 | 50618 | 10910 | 872// | 10748 | 88705 | | |
| Culdrose | 809 | 82221 | 15636 | 11908 | 870// | 08755 | 88701 | | |
| Guernsey | 894 | 82117 | 58602 | 18607 | 853// | 06626 | 82706 | 88640 | |
| Elmdon | 534 | 72011 | 60016 | 12305 | 753// | 03739 | 83706 | 85710 | 87614 |
| Cardington | 559 | 72010 | 65016 | 13904 | 50978 | 04631 | 81359 | 85362 | 86275 |
| Wittering | 462 | 62110 | 58016 | 13004 | 50931 | 03729 | 85362 | | |
| Watnall | 354 | 71907 | 56102 | 11704 | 7627/ | 03736 | 87705 | | |
| Shawbury | 414 | 81607 | 70626 | 10006 | 5547/ | 04745 | 82616 | 84619 | 88462 |
| Finningley | 360 | 71908 | 62012 | 11005 | 50978 | 03629 | 85360 | 87272 | |
| Spurn Point | 396 | 71812 | 64032 | 12104 | 55606 | 02721 | 85630 | 87075 | |
| Leeming | 257 | 71711 | 60042 | 09204 | 5547/ | 03831 | 82615 | 85640 | 87359 |
| Tynemouth | 262 | 72014 | 80022 | 08205 | 5567/ | 02733 | 85635 | 87358 | |
| Carlisle | 222 | 81910 | 75026 | 05506 | 856// | 03847 | 84637 | 88650 | |
| Valley | 302 | 81726 | 50516 | 06307 | 852// | 06752 | 86703 | 88610 | |
| Ringway | 334 | 71911 | 65036 | 09705 | 754// | 03740 | 87618 | | |
| Squires Gate | 318 | 81613 | 65626 | 07905 | 6557/ | 04742 | 85627 | 84650 | 88359 |
| Ronaldsway | 204 | 82023 | 57582 | 04106 | 872// | 04752 | 84704 | 87707 | |
| Mull of Galloway | 131 | 82044 | 80022 | 00107 | 874// | 05868 | 88710 | | |
| Eskdalemuir | 162 | 81813 | 58216 | 04803 | 853// | 03745 | 84708 | 88630 | |
| Prestwick | 135 | 81915 | 60586 | 01006 | 854// | 04860 | 82715 | 85620 | 88630 |
| Abbotsinch | 140 | 81813 | 60616 | 00806 | 6542/ | 03759 | 82711 | 86627 | 88458 |
| Leuchars | 171 | 81816 | 70606 | 03005 | 5557/ | 02743 | 83620 | 84645 | 88462 |
| Dyce | 091 | 71816 | 65052 | 02504 | 4547/ | 01734 | 81615 | 83645 | 86360 |
| Lerwick | 005 | 72012 | 82021 | 99504 | 48432 | 02827 | 82815 | 85360 | 86072 |
| Wick | 075 | 71815 | 82026 | 98905 | 3567/ | 01745 | 83645 | 84360 | 87362 |
| Sule Skerry | 010 | 81618 | 81026 | 96805 | 2257/ | 03747 | 82820 | 88360 | |
| Cape Wrath | 049 | 71819 | 81028 | 94705 | 785// | 01749 | 82820 | 87625 | |
| Stornoway | 026 | 81824 | 66616 | 92706 | 7542/ | 04757 | 83616 | 85628 | 88460 |
| Benbecula | 022 | 81623 | 62636 | 91305 | 7532/ | 05766 | 84707 | 87614 | 88530 |
| Tiree | 100 | 81733 | 50636 | 93405 | 6732/ | 05775 | 82709 | 85712 | 88520 |
| Aldergrove | 917 | 81817 | 70216 | 99606 | 853// | 05757 | 83708 | 87709 | 88616 |
| Malin | 980 | 82027 | 68606 | 95506 | 5642/ | 05658 | 85710 | 88458 | |
| Belmullet | 976 | 82213 | 75036 | 97608 | 854// | 06/// | 84718 | 87640 | |
| Birr | 965 | 82009 | 80206 | 01409 | 864// | 07637 | 87712 | 86632 | |
| Dublin | 969 | 82015 | 70026 | 01808 | 6547/ | 05754 | 84717 | 86624 | 88458 |
| Shannon | 962 | 62208 | 80036 | 02008 | 685// | 08728 | 83822 | 85635 | |
| Roches Point | 952 | 72213 | 65206 | 05109 | 6543/ | 08624 | 82712 | 85646 | |
| Valentia | 953 | 82220 | 58606 | 04010 | 864// | 09723 | 88712 | | |

## OBSERVATIONS during NIGHT

| Station | iii | RRT$_n$T$_n$E | T$_g$T$_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01031 | 01 | + | $r_or_or$ |
| Hurn | 862 | 93051 | 04 | + | $r_or_od_od_o$ |
| Manston | 797 | 00011 | 52 | + | + |
| Gatwick | 776 | 93031 | 52 | $r_o$ | $r_o$ |
| Kew | 775 | 97041 | 51 | $r_o$ | $r_o$ |
| Heathrow | 772 | 91021 | 51 | $r_or_o$ | $r_o$ |
| Honington | 586 | 00011 | 51 | + | + |
| Wattisham | 590 | 00511 | 53 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 02051 | 03 | $r_o$ | $r_orrr_or_o$ |
| Filton | 628 | 94051 | 04 | + | $r_or_od_or_o$ |
| Rhoose | 715 | 03051 | 04 | + | $r_or_orir_o$ |
| Hartland Point | 703 | 03063 | 05 | | |
| Mount Batten | 827 | 06071 | 04 | + | $r_orr_or_o$ |
| St.Mawgan | 817 | 03052 | 02 | $r_o$ | $rrd_or_o$ |
| Scilly | 804 | 04072 | 05 | $pr_orr$ | $r_or_od_od_o$ |
| Culdrose | 809 | 07062 | 03 | $ir_o$ | $ir_orr$ |
| Guernsey | 894 | 03052 | 03 | + | $r_or_od_or_orr$ |
| Elmdon | 534 | 91031 | 51 | $r_or_o$ | $r_od_orir_o$ |
| Cardington | 559 | 97011 | 55 | $r_or_o$ | $r_or_o$ |
| Wittering | 462 | 92011 | 53 | + | $r_orr$ |
| Watnall | 354 | 01031 | 53 | + | $r_orrs$ |
| Shawbury | 414 | 97041 | 51 | $r_o$ | $r_orr_o$ |
| Finningley | 360 | 96011 | 54 | + | $ir_or$ |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 97031 | 02 | + | $r_oir_o$ |
| Tynemouth | 262 | 00041 | 01 | + | + |
| Carlisle | 222 | 01041 | 01 | $ir_o$ | $r_orr_o$ |
| Valley | 302 | 03061 | 04 | $ir_o$ | $d_or_od_od_o$ |
| Ringway | 334 | 01041 | 01 | $r_o$ | $r_orr_o$ |
| Squires Gate | 318 | 01041 | 03 | $r_o$ | $rr_o$ |
| Ronaldsway | 204 | 02061 | 03 | $r_or_o$ | $rd_or_o$ |
| Mull of Galloway | 131 | 01011 | | | |
| Eskdalemuir | 162 | 05012 | 53 | $r_o$ | $r_oir_orir_or$ |
| Prestwick | 135 | 01051 | 03 | $ir_o$ | $d_or_or_or_oir_o$ |
| Abbotsinch | 140 | 04032 | 02 | $pr_oir_o$ | $r_or_orRdrd_or_o$ |
| Leuchars | 171 | 01021 | 01 | $r_o$ | $r_or_oir_or$ |
| Dyce | 091 | 94021 | 53 | + | $r_or$ |
| Lerwick | 005 | 97021 | 51 | $pr_os_o$ | + |
| Wick | 075 | 97011 | 52 | + | $ir_o$ |
| Sule Skerry | 010 | 96042 | 02 | | |
| Cape Wrath | 049 | 96032 | 02 | $pr_o$ | $pr_oir_o$ |
| Stornoway | 026 | 06031 | 01 | $pr_or_or_o$ | $r_or_orrr_or_o$ |
| Benbecula | 022 | 07051 | 03 | $rr_or_o$ | $r_orrpr_o$ |
| Tiree | 100 | 05051 | 04 | $ir_o$ | $r_or_oRr$ |
| Aldergrove | 917 | 92041 | 03 | $r_o$ | $ir_or_o$ |
| Malin | 980 | 03 | | | |
| Belmullet | 976 | 02 | | | |
| Birr | 965 | 01 | | | |
| Dublin | 969 | 01 | | | |
| Shannon | 962 | 01 | | | |
| Roches Point | 952 | 04 | | | |
| Valentia | 953 | 04 | | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 22001 | 82824 | 96878 | 02251 | 834// | 00225 | ///// | ///// | 06454 | 10592 | 3//14 | 26/19 |
| L | 99571 | 70206 | 22004 | 72336 | 95836 | 85603 | 734// | 51506 | 85910 | ///// | 0//02 | 10903 | 31010 | 29008 |
| M | 99649 | 10027 | 22004 | 81727 | 96028 | 02004 | 884// | 00705 | 86815 | 88620 | 0//03 | 10621 | 30706 | 99/03 |
| R | 99471 | 70167 | 22004 | 82425 | 96506 | 18612 | 863// | 00722 | 88708 | ///// | 0//12 | 11152 | 30604 | 29106 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 22061 | 62727 | 97078 | 08501 | 63400 | 00287 | ///// | ///// | 06053 | 10644 | 3//17 | 26/22 |
| L | 99570 | 70209 | 22064 | 52527 | 98028 | 83905 | 49403 | 61820 | 84915 | ///// | 0//54 | 10927 | 31113 | 28909 |
| M | 99651 | 10026 | 22064 | 61616 | 98036 | 99403 | 68400 | 00711 | 85815 | ///// | 0//03 | 10658 | 30403 | 15803 |
| R | 99471 | 70168 | 22064 | 72525 | 97035 | 15712 | 7097/ | 12713 | 87360 | ///// | 0//11 | 11151 | 30604 | 29106 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

No. 42490 Date of Issue THURSDAY 23 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 22 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82018 | 22536 | 06107 | 870// | 07747 | 82701 | 85703 | 88705 |
| Hurn | 862 | 81917 | 26516 | 07108 | 872// | 08747 | 83703 | 86704 | 88709 |
| Manston | 797 | 81923 | 63602 | 10007 | 6832/ | 05752 | 82709 | 84812 | 88458 |
| Gatwick | 776 | 82020 | 45516 | 09007 | 873// | 06747 | 88707 | | |
| Kew | 775 | 71916 | 70026 | 07008 | 754// | 06755 | 83711 | 87620 | |
| Heathrow | 772 | 71822 | 62216 | 06808 | 754// | 07757 | 82710 | 87615 | |
| Honington | 586 | 81818 | 65606 | 06407 | 854// | 04756 | 88614 | | |
| Wattisham | 590 | 81918 | 70606 | 07507 | 854// | 04755 | 83712 | 88616 | |
| Gorleston | 497 | 81926 | 64022 | 08707 | 855// | 04748 | 88620 | | |
| Aberporth | 502 | 72226 | 62256 | 01610 | 783// | 08725 | 87708 | 86640 | |
| Filton | 628 | 82412 | 60586 | 05410 | 853// | 08730 | 82707 | 86710 | 88620 |
| Rhoose | 715 | 82513 | 62506 | 04909 | 853// | 07627 | 81707 | 88620 | |
| Hartland Point | 703 | 82625 | 32206 | 05109 | 850// | 08717 | 84701 | 88635 | |
| Mount Batten | 827 | 82416 | 58026 | 07710 | 853// | 09619 | 81708 | 83625 | 88645 |
| St.Mawgan | 817 | 72415 | 68026 | 07410 | 752// | 08716 | 82704 | 85706 | 87624 |
| Scilly | 804 | 72421 | 56026 | 07811 | 3837/ | 11721 | 81708 | 83625 | 86360 |
| Culdrose | 809 | 82513 | 57106 | 08010 | 852// | 09716 | 81703 | 84705 | 88620 |
| Guernsey | 894 | 82318 | 68516 | 11109 | 870// | 08733 | 83701 | 86702 | |
| Elmdon | 534 | 82016 | 62605 | 03308 | 873// | 07641 | 85707 | 88710 | |
| Cardington | 559 | 81921 | 64216 | 04908 | 854// | 06758 | 87618 | 88650 | |
| Wittering | 462 | 82019 | 68586 | 04307 | 853// | 05749 | 82707 | 86708 | 88620 |
| Watnall | 354 | 81917 | 59217 | 02307 | 872// | 06747 | 88705 | | |
| Shawbury | 414 | 81812 | 75606 | 00910 | 854// | 07735 | 88614 | | |
| Finningley | 360 | 81914 | 65026 | 01008 | 854// | 06748 | 86712 | 88650 | |
| Spurn Point | 396 | 81926 | 25636 | 02506 | 864// | 05760 | 88712 | | |
| Leeming | 257 | 81616 | 35216 | 98406 | 852// | 05752 | 82705 | 88612 | |
| Tynemouth | 262 | 81825 | 61028 | 97406 | 855// | 04752 | 88625 | | |
| Carlisle | 222 | 82314 | 80216 | 95509 | 854// | 06743 | 82714 | 83618 | 88624 |
| Valley | 302 | 71921 | 58015 | 98609 | 753// | 08833 | 81707 | 87636 | |
| Ringway | 334 | 81917 | 62026 | 00007 | 7542/ | 06745 | 85712 | 86630 | 88458 |
| Squires Gate | 318 | 71913 | 60206 | 98109 | 784// | 07741 | 85714 | 85622 | 87640 |
| Ronaldsway | 204 | 82512 | 60605 | 96608 | 7722/ | 07623 | 82705 | 85707 | 85714 |
| Mull of Galloway | 131 | 82514 | 60616 | 95706 | 874// | 06714 | 88715 | | |
| Eskdalemuir | 162 | 82019 | 25586 | 95106 | 872// | 05738 | 88703 | | |
| Prestwick | 135 | 82313 | 65606 | 93707 | 6532/ | 06726 | 81708 | 83712 | 85626 |
| Abbotsinch | 140 | 82413 | 60636 | 92907 | 6532/ | 06624 | 81708 | 86630 | 88458 |
| Leuchars | 171 | 72210 | 66216 | 92707 | 754// | 05747 | 84710 | 87616 | |
| Dyce | 091 | 81716 | 56216 | 92705 | 853// | 04746 | 82706 | 86708 | 88640 |
| Lerwick | 005 | 81825 | 75032 | 91405 | 854// | 03742 | 83710 | 88625 | |
| Wick | 075 | 81717 | 70606 | 89005 | 6547/ | 03646 | 81710 | 83630 | 86358 |
| Sule Skerry | 010 | 81627 | 62616 | 87305 | 6752/ | 04739 | 86720 | 88458 | |
| Cape Wrath | 049 | 82320 | 69606 | 87106 | 4747/ | 05729 | 84715 | 88460 | |
| Stornoway | 026 | 42515 | 68016 | 88309 | 48431 | 02502 | 83818 | | |
| Benbecula | 022 | 72408 | 74038 | 89508 | 38436 | 05803 | 81816 | 83625 | 86270 |
| Tiree | 100 | 51913 | 70158 | 91207 | 43462 | 06610 | 81712 | 81917 | 83635 |
| Aldergrove | 917 | 52213 | 70156 | 94510 | 58400 | 06724 | 83818 | 84824 | |
| Malin | 980 | 72618 | 75806 | 92906 | 734// | 04718 | 87918 | | |
| Belmullet | 976 | 72214 | 68266 | 93907 | 734/2 | 05825 | 83716 | 83920 | 85640 |
| Birr | 965 | 72212 | 81026 | 97609 | 785// | 04819 | 85820 | 84633 | |
| Dublin | 969 | 32421 | 82258 | 95811 | 33500 | 04731 | 83820 | 81920 | |
| Shannon | 962 | 32626 | 80038 | 98110 | 33500 | 07827 | 83820 | 81920 | |
| Roches Point | 952 | 22428 | 75256 | 00611 | 28400 | 01723 | 82818 | | |
| Valentia | 953 | 82416 | 70158 | 00210 | 885// | 05726 | 86825 | 88650 | |

## OBSERVATIONS at 18h. 22 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62316 | 75018 | 98909 | 38302 | 07733 | 81709 | 85075 | |
| Hurn | 862 | 72318 | 74806 | 00710 | 7833/ | 08731 | 84708 | 83810 | 86612 |
| Manston | 797 | 82121 | 58026 | 01208 | 862// | 08636 | 82704 | 85707 | 88710 |
| Gatwick | 776 | 72320 | 62026 | 00709 | 763// | 08632 | 83708 | 87712 | |
| Kew | 775 | 72114 | 65038 | 99010 | 764// | 07735 | 87712 | | |
| Heathrow | 772 | 82115 | 65038 | 98910 | 854// | 08740 | 83612 | 88616 | |
| Honington | 586 | 61915 | 62016 | 97508 | 6533/ | 07639 | 82708 | 86645 | |
| Wattisham | 590 | 71914 | 57606 | 98508 | 753// | 07644 | 83706 | 84710 | 85645 |
| Gorleston | 497 | 82019 | 58026 | 98207 | 855// | 06748 | 88625 | | |
| Aberporth | 502 | 72117 | 75256 | 95407 | 734// | 05727 | 81710 | 83915 | 87640 |
| Filton | 628 | 62616 | 70258 | 98708 | 48432 | 06729 | 82817 | 83635 | |
| Rhoose | 715 | 52516 | 62256 | 97708 | 39330 | 06836 | 81708 | 82920 | |
| Hartland Point | 703 | 72530 | 62026 | 98008 | 65481 | 07731 | 82710 | 86645 | |
| Mount Batten | 827 | 72524 | 50818 | 01009 | 783// | 06731 | 81707 | 87712 | 87823 |
| St.Mawgan | 817 | 52519 | 62258 | 01108 | 3843/ | 07625 | 81812 | 83640 | |
| Scilly | 804 | 32731 | 56016 | 02709 | 38400 | 05610 | 82818 | | |
| Culdrose | 809 | 62722 | 60018 | 02109 | 68400 | 06622 | 81710 | 84816 | |
| Guernsey | 894 | 72421 | 66015 | 05409 | 781// | 09738 | 82702 | 85705 | 87645 |
| Elmdon | 534 | 42517 | 80256 | 95509 | 48400 | 04733 | 82815 | 83625 | |
| Cardington | 559 | 72116 | 56806 | 96510 | 784// | 08739 | 82712 | 85818 | |
| Wittering | 462 | 72216 | 62806 | 95410 | 735// | 07641 | 84920 | 86636 | |
| Watnall | 354 | 72410 | 60218 | 94806 | 694/3 | 05828 | 83915 | 83620 | |
| Shawbury | 414 | 42415 | 66018 | 94308 | 49403 | 04726 | 82915 | 83820 | |
| Finningley | 360 | 62214 | 65216 | 93208 | 685// | 05729 | 81820 | 83640 | 86656 |
| Spurn Point | 396 | 71823 | 30806 | 93209 | 794// | 07742 | 87910 | | |
| Leeming | 257 | 32312 | 82038 | 90908 | 39500 | 05725 | 81920 | 83825 | |
| Tynemouth | 262 | 61903 | 66028 | 90307 | 655// | 05724 | 86625 | | |
| Carlisle | 222 | 72208 | 70256 | 89306 | 794// | 04730 | 82915 | 83630 | 85645 |
| Valley | 302 | 72329 | 70806 | 92907 | 734// | 05626 | 87918 | | |
| Ringway | 334 | 42211 | 68158 | 93209 | 48500 | 03725 | 82828 | 83656 | |
| Squires Gate | 318 | 72212 | 60158 | 91608 | 59433 | 06733 | 81918 | 84640 | |
| Ronaldsway | 204 | 72615 | 82256 | 90207 | 49438 | 02732 | 82918 | 83650 | 85363 |
| Mull of Galloway | 131 | 72910 | 70278 | 89204 | 794// | 04729 | 84910 | 83815 | |
| Eskdalemuir | 162 | 82213 | 60816 | 89304 | 883// | 03624 | 85708 | 85820 | 88630 |
| Prestwick | 135 | 82508 | 56878 | 88803 | 892// | 02722 | 82704 | 83910 | 85818 |
| Abbotsinch | 140 | 82013 | 75606 | 87306 | 7842/ | 02726 | 81818 | 84632 | 86650 |
| Leuchars | 171 | 62406 | 80158 | 87406 | 48402 | 03724 | 82818 | 83630 | 85072 |
| Dyce | 091 | 72005 | 65256 | 86406 | 69432 | 03626 | 81710 | 81915 | 86645 |
| Lerwick | 005 | 72417 | 65807 | 84104 | 794// | 01625 | 84912 | 83814 | |
| Wick | 075 | 62703 | 80156 | 86107 | 38432 | 03714 | 82818 | 83650 | 85072 |
| Sule Skerry | 010 | 12708 | 76016 | 85807 | 19500 | 03711 | 81920 | | |
| Cape Wrath | 049 | 22712 | 80016 | 85206 | 25500 | 02717 | 82625 | | |
| Stornoway | 026 | 32403 | 81020 | 85107 | 28501 | 51719 | 81820 | | |
| Benbecula | 022 | 72008 | 80031 | 84806 | 39462 | 03724 | 82918 | 87075 | |
| Tiree | 100 | 62111 | 82018 | 85406 | 33402 | 04728 | 81918 | 86072 | |
| Aldergrove | 917 | 32110 | 80258 | 88905 | 38400 | 04824 | 81711 | 83818 | |
| Malin | 980 | 72318 | 60808 | 87005 | 79463 | 02626 | 82712 | 87918 | |
| Belmullet | 976 | 82713 | 70258 | 88904 | 834// | 01716 | 83716 | 87920 | |
| Birr | | | | | | | | | |
| Dublin | 969 | 62717 | 80808 | 90107 | 694// | 03728 | 81715 | 86922 | |
| Shannon | 962 | 82731 | 59808 | 94103 | 833// | 02503 | 84707 | 87920 | |
| Roches Point | | | | | | | | | |
| Valentia | 953 | 62727 | 68258 | 97006 | 63500 | 02705 | 86925 | | |

## OBSERVATIONS during DAY

| Station | iii | $R_RT_xT_xE$ | ss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 91111 | 004 | r.r.d.r.dd. | pr. |
| Hurn | 862 | 01111 | 005 | d.d.r. | d.pr. |
| Manston | 797 | 91091 | 000 | ir.d.d.-d.r. | d.r.d.r.d.ir. |
| Gatwick | 776 | 02091 | 000 | r.r.d.d.drdrr | d.-d.r. |
| Kew | 775 | 01111 | 003 | r.rd. | pr.r. |
| Heathrow | 772 | 02111 | 002 | r.r.d.d. | pr.r.R |
| Honington | 586 | 01091 | 001 | r.ir. | r.r |
| Wattisham | 590 | 96091 | 000 | r.d.r.d. | d.-r.r |
| Gorleston | 497 | | 003 | | |
| Aberporth | 502 | 02101 | 020 | ir.pr. | pr. |
| Filton | 628 | 04111 | 002 | d.r.dr.rprpr. | pr.pRpr.prph |
| Rhoose | 715 | 02101 | 004 | ir.id.prpr. | ir.pr.pr |
| Hartland Point | 703 | 01092 | 001 | | |
| Mount Batten | 827 | 01101 | 010 | r. | r.rpr.pr |
| St.Mawgan | 817 | 02111 | 008 | ir.r | pr.phr |
| Scilly | 804 | 92121 | 017 | ir. | ir. |
| Culdrose | 809 | 01101 | 007 | ir. | pr. |
| Guernsey | 894 | 01091 | 000 | irdrffd.d. | pr.ir. |
| Elmdon | 534 | 93111 | 003 | r.d.-d.r.pr. | pr.pr |
| Cardington | 559 | 05112 | 010 | r.r.d.r.id.r. | r.TLHRrr.r. |
| Wittering | 462 | 92111 | 013 | rr.d.r. | pr. |
| Watnall | 354 | 07112 | 020 | d.r.pr. | pr.pHRRrr. |
| Shawbury | 414 | 02141 | 008 | r. | pr.pr |
| Finningley | 360 | 92121 | 016 | ir.d.r.-r. | r.pr. |
| Spurn Point | 396 | | | ir.r.r.rr | pr. |
| Leeming | 257 | 95111 | 020 | r.r. | pr. |
| Tynemouth | 262 | 01091 | 018 | pr. | pr |
| Carlisle | 222 | 07101 | 010 | ir.Rr.r | r.pr.pr |
| Valley | 302 | 01111 | 030 | d.d. | r.pr. |
| Ringway | 334 | 01121 | 012 | r. | pr.pr |
| Squires Gate | 318 | 93111 | 026 | r.d.r.dpr. | pr.r. |
| Ronaldsway | 204 | 04101 | 026 | iRpr. | pr. |
| Mull of Galloway | 131 | 05092 | | | |
| Eskdalemuir | 162 | 18071 | 005 | rRr.d.r. | rph.pr.prrr |
| Prestwick | 135 | 12091 | 000 | irpr. | prph.pr. |
| Abbotsinch | 140 | 02101 | 020 | d.r.-r.rr | ==r.r |
| Leuchars | 171 | 02091 | 017 | r.r.r | pr. |
| Dyce | 091 | 92071 | 000 | r.ir. | r.pr. |
| Lerwick | 005 | 06062 | 008 | ir.rr | rsrsrrpr. |
| Wick | 075 | 04091 | 010 | ir.rr.r. | + |
| Sule Skerry | 010 | 05081 | | | |
| Cape Wrath | 049 | 01071 | 042 | ir. | + |
| Stornoway | 026 | 91101 | 077 | r.r. | jp |
| Benbecula | 022 | 92091 | 049 | pr. | pr. |
| Tiree | 100 | 01091 | 041 | pr.pr | pr. |
| Aldergrove | 917 | 03111 | 034 | r.R | pr.prpr. |
| Malin | 980 | 0309 | 028 | | |
| Belmullet | 976 | 0309 | 032 | | |
| Birr | 965 | 11 | 045 | | |
| Dublin | 969 | 9512 | 063 | | |
| Shannon | 962 | 0311 | 052 | | |
| Roches Point | 952 | 11 | 045 | | |
| Valentia | 953 | 0311 | 037 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

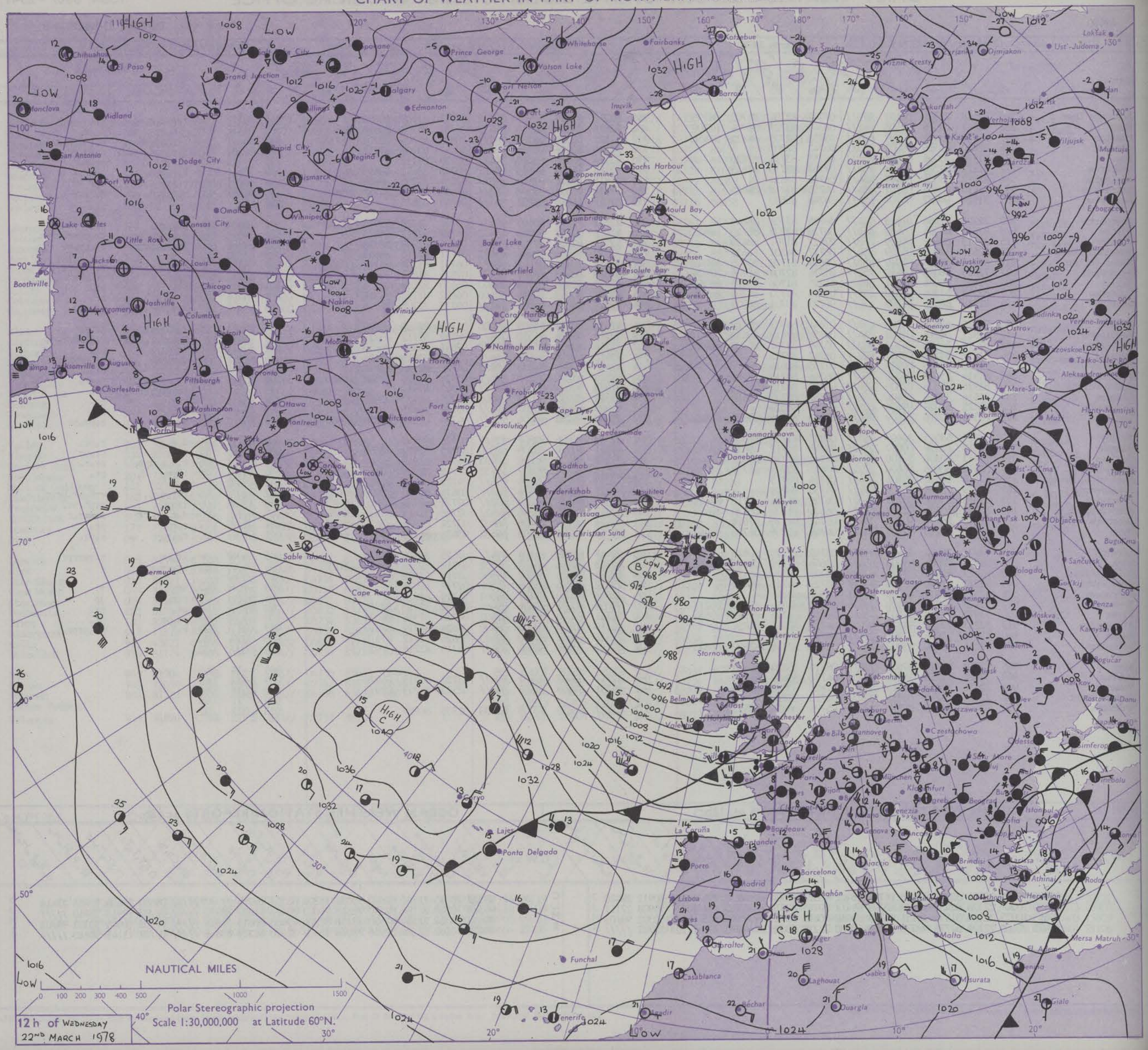
| O.W.S. | | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 99527 | 70355 | 22121 | 82820 | 97278 | 16701 | 43402 | 00333 | 82994 | 82642 | 05954 | 10636 | 30912 | 26420 |
| | L | 99570 | 70207 | 22124 | 62430 | 98158 | 82003 | 694// | 00715 | 82910 | 84815 | 0//52 | 10917 | 30908 | 27111 |
| | M | 99653 | 10025 | 22124 | 31516 | 98151 | 96303 | 39460 | 00819 | 83915 | ///// | 0//03 | 10667 | 30302 | 99/03 |
| | R | 99471 | 70165 | 22124 | 62735 | 98038 | 17910 | 68400 | 22219 | 83816 | 84640 | 0//06 | 11125 | 30707 | ///// |

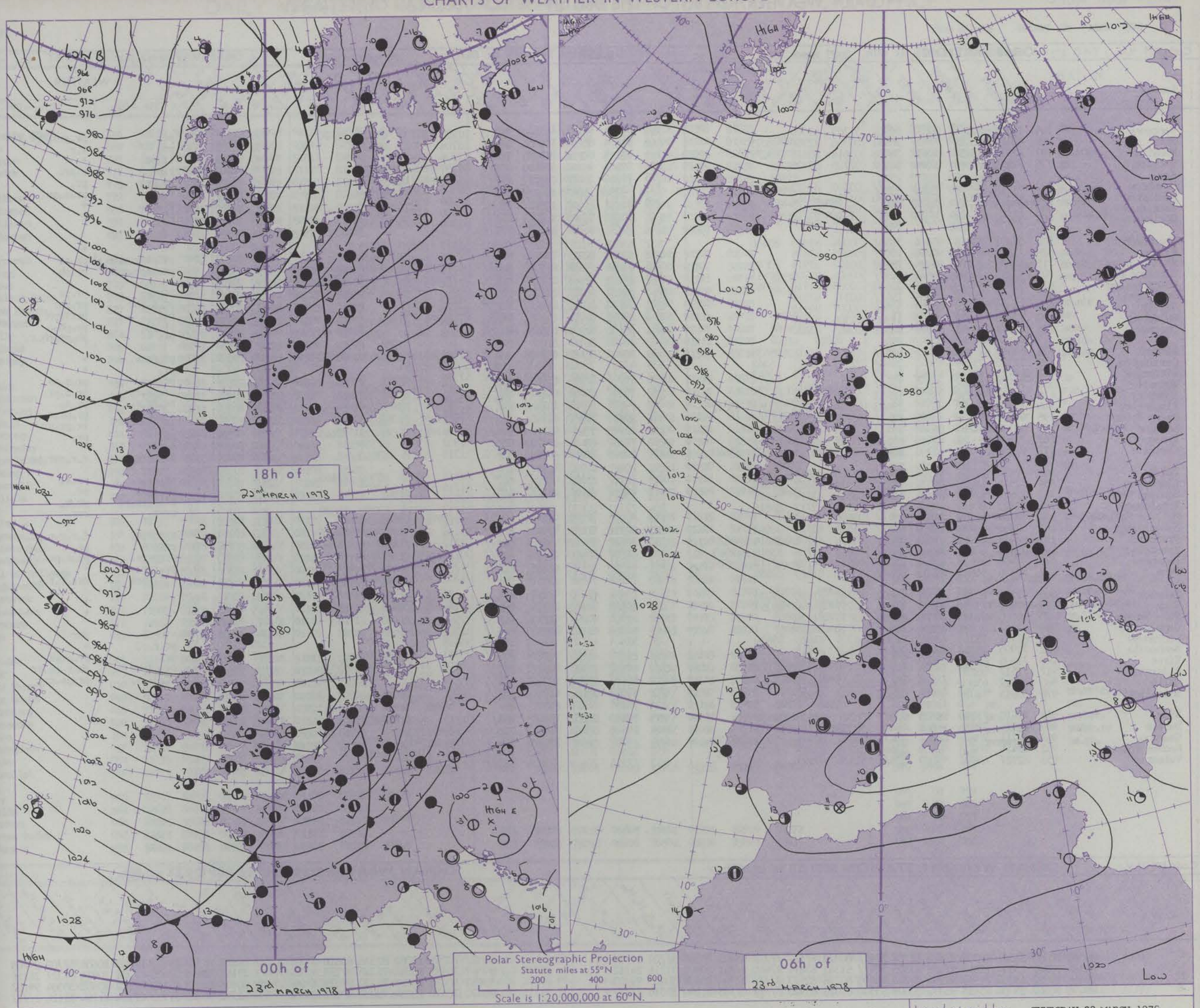
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | | 99 $L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 99527 | 70355 | 22181 | 82610 | 98038 | 16302 | 6255/ | 00716 | ///// | ///// | 05653 | 10608 | 30605 | 27418 |
| | L | 99569 | 70208 | 22184 | 82550 | 96818 | 76003 | 834// | 61837 | 88910 | ///// | 0//03 | 10918 | 30910 | ///// |
| | M | 99655 | 10024 | 22184 | 41520 | 98158 | 92804 | 49400 | 00815 | 82915 | ///// | 0//03 | 10645 | 30303 | 99/03 |
| | R | 99471 | 70162 | 22184 | 32936 | 98018 | 18409 | 32400 | 61219 | 83816 | ///// | 0//01 | 11145 | 30810 | ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday THURSDAY 23 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

Depression about 200 miles southwest of Iceland has moved slowly east during the past 24 hours. An associated occluding front from south Iceland to the Hebrides, across Ireland thence southwestwards, has moved steadily east and now extends across southern Norway and western Denmark. It is followed by a strong to gale unstable westerly airstream across most parts of the British Isles.

During the next 24 hours the low south of Iceland will move slowly northeast and fill slightly but another low is expected to form over the northern North Sea. The unstable westerlies over the British Isles will veer to northwest and decrease in strength.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

## Code FM 11.V — OBSERVATIONS at 00h. 23 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 12617 | 82258 | 98203 | 00902 | 51303 | 81070 | | |
| Hurn | 862 | 42617 | 80018 | 99705 | 20931 | 00306 | 82360 | 83075 | |
| Manston | 797 | 42516 | 75256 | 96507 | 38408 | 05614 | 82815 | 83275 | |
| Gatwick | 776 | 72620 | 70806 | 97506 | 58502 | 02705 | 83826 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82619 | 70606 | 96705 | 855// | 03303 | 83622 | 88638 | |
| Honington | 586 | 42321 | 80018 | 92506 | 40930 | 01720 | 84362 | | |
| Wattisham | 590 | 22520 | 80018 | 93605 | 18402 | 02615 | 81818 | | |
| Gorleston | 497 | 52420 | 66256 | 92307 | 22530 | 05729 | 82825 | 85358 | |
| Aberporth | 502 | 32831 | 83018 | 95404 | 38501 | 00004 | 81820 | 83630 | |
| Filton | 628 | 72820 | 70038 | 97705 | 756// | 00305 | 87636 | | |
| Rhoose | 715 | 52620 | 70268 | 97004 | 39402 | 00107 | 82915 | 83070 | |
| Hartland Point | 703 | 72735 | 76038 | 98606 | 723// | 00004 | 82707 | 87815 | |
| Mount Batten | 827 | 52620 | 68018 | 01806 | 33430 | 02003 | 81918 | 83360 | |
| St.Mawgan | 817 | 72928 | 70278 | 02404 | 794// | 00311 | 87914 | | |
| Scilly | 804 | 62833 | 66138 | 04107 | 59460 | 00007 | 84916 | | |
| Culdrose | 809 | 12923 | 75018 | 03605 | 11400 | 01306 | 81818 | | |
| Guernsey | 894 | 32727 | 75018 | 04207 | 38501 | 00605 | 82820 | | |
| Elmdon | 534 | 62619 | 70258 | 92804 | 684// | 01505 | 82818 | 85635 | |
| Cardington | 559 | 52320 | 75259 | 93605 | 2843/ | 02507 | 81815 | 85362 | |
| Wittering | 462 | 42423 | 82018 | 91705 | 38502 | 02511 | 81822 | 83642 | |
| Watnall | 354 | 72315 | 65268 | 90603 | 784// | 01617 | 85810 | 87640 | |
| Shawbury | 414 | 42518 | 81258 | 91803 | 18403 | 00504 | 81814 | 84070 | |
| Finningley | 360 | 72314 | 82258 | 88305 | 39463 | 02724 | 82913 | 83359 | 85072 |
| Spurn Point | 396 | 62317 | 68258 | 88806 | 2257/ | 03722 | 82825 | 86360 | |
| Leeming | 257 | 52208 | 84258 | 86304 | 59403 | 02829 | 81912 | 84822 | |
| Tynemouth | 262 | 72304 | 80022 | 85205 | 4557/ | 02726 | 84622 | 87358 | |
| Carlisle | 222 | 62506 | 70218 | 85303 | 654// | 02619 | 81711 | 83625 | 85640 |
| Valley | 302 | 82630 | 70258 | 91704 | 884// | 02305 | 85814 | 88630 | |
| Ringway | 334 | 72515 | 62808 | 89504 | 785// | 03614 | 85822 | 87640 | |
| Squires Gate | 318 | 82625 | 62618 | 87904 | 854// | 03514 | 83714 | 88618 | |
| Ronaldsway | 204 | 72725 | 80218 | 88004 | 724// | 01505 | 82713 | 86816 | |
| Mull of Galloway | 131 | 82724 | 84258 | 86604 | 894// | 03606 | 87910 | | |
| Eskdalemuir | 162 | 82503 | 75038 | 85302 | 884// | 01618 | 83710 | 88640 | |
| Prestwick | 135 | 82913 | 60808 | 85003 | 883// | 03616 | 81708 | 86814 | 88620 |
| Abbotsinch | 140 | 72405 | 80268 | 84503 | 783// | 02616 | 81708 | 83816 | 87640 |
| Leuchars | 171 | 82406 | 59638 | 83802 | 853// | 01613 | 81709 | 87712 | 88620 |
| Dyce | 091 | 83106 | 66612 | 82803 | 854// | 03721 | 81615 | 88650 | |
| Lerwick | 005 | 72202 | 80028 | 82901 | 15602 | 50714 | 81630 | 87070 | |
| Wick | 075 | 52602 | 75031 | 83501 | 15630 | 00717 | 81640 | 85359 | |
| Sule Skerry | 010 | 10000 | 81010 | 84005 | 12500 | 03715 | 81820 | | |
| Cape Wrath | 049 | 62307 | 80031 | 83204 | 655// | 00711 | 86625 | | |
| Stornoway | 026 | 61103 | 75218 | 83102 | 68500 | 01709 | 81820 | 85630 | |
| Benbecula | 022 | 72905 | 75258 | 82705 | 794// | 03608 | 84915 | 83818 | |
| Tiree | 100 | 72805 | 66278 | 83903 | 734// | 03602 | 83916 | 87640 | |
| Aldergrove | 917 | 72517 | 80258 | 87903 | 754// | 02301 | 83712 | 86620 | |
| Malin | 980 | 83027 | 65808 | 86603 | 834// | 02307 | 83712 | 88918 | |
| Belmullet | 976 | 32615 | 78018 | 90705 | 33500 | 00208 | 82920 | | |
| Birr | 965 | 72610 | 75018 | 93803 | 735// | 00307 | 86920 | 84631 | |
| Dublin | 969 | 42626 | 75018 | 90302 | 45400 | 50005 | 81713 | 84635 | |
| Shannon | 962 | 72711 | 70808 | 94504 | 534/6 | 03801 | 82715 | 85920 | 85270 |
| Roches Point | 952 | 72414 | 70803 | 97604 | 53462 | 02705 | 83915 | 84070 | |
| Valentia | 953 | 82927 | 65898 | 99007 | 835// | 51316 | 87925 | | |

## OBSERVATIONS at 06h. 23 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72413 | 80808 | 97902 | 39303 | 01203 | 81708 | 83925 | 86070 |
| Hurn | 862 | 72515 | 75216 | 99004 | 794// | 02704 | 83915 | 86620 | |
| Manston | 797 | 22515 | 82031 | 97003 | 19463 | 51306 | 81915 | | |
| Gatwick | 776 | 72614 | 80808 | 98103 | 784// | 01207 | 83816 | 87622 | |
| Kew | 775 | 72314 | 81258 | 97203 | 784// | 01306 | 82712 | 86825 | |
| Heathrow | 772 | 62310 | 80808 | 97103 | 6843/ | 02309 | 83813 | 85618 | |
| Honington | 586 | 62321 | 80031 | 93303 | 18503 | 53308 | 81820 | 85068 | |
| Wattisham | 590 | 52523 | 82031 | 94102 | 14533 | 52306 | 81820 | 84075 | |
| Gorleston | 497 | 82520 | 66258 | 92403 | 3257/ | 51206 | 83825 | 88358 | |
| Aberporth | 502 | 62826 | 81021 | 97205 | 38502 | 51317 | 82820 | 85075 | |
| Filton | 628 | 52818 | 82268 | 97704 | 49403 | 02308 | 81915 | 83630 | |
| Rhoose | 715 | 72818 | 70258 | 98405 | 6947/ | 01315 | 81914 | 86816 | |
| Hartland Point | 703 | 72834 | 74039 | 99306 | 4857/ | 04327 | 82820 | 84640 | 87360 |
| Mount Batten | 827 | 72719 | 60808 | 02906 | 785// | 02322 | 84820 | 87634 | |
| St.Mawgan | 817 | 62825 | 80258 | 02706 | 42563 | 03222 | 84822 | | |
| Scilly | 804 | 72827 | 81279 | 05206 | 724// | 02210 | 87816 | | |
| Culdrose | 809 | 52724 | 60808 | 04505 | 53400 | 01218 | 82710 | 85912 | |
| Guernsey | 894 | 52930 | 70258 | 05406 | 59503 | 01308 | 84820 | 82925 | |
| Elmdon | 534 | 62713 | 75038 | 93903 | 38402 | 52312 | 81818 | 83630 | 85070 |
| Cardington | 559 | 42317 | 70028 | 94502 | 25602 | 50308 | 82630 | | |
| Wittering | 462 | 22517 | 81028 | 92702 | 19502 | 52314 | 81920 | | |
| Watnall | 354 | 32414 | 70038 | 91902 | 39400 | 52217 | 81910 | 83635 | |
| Shawbury | 414 | 32514 | 81018 | 93703 | 23403 | 50316 | 81915 | 83070 | |
| Finningley | 360 | 72721 | 81018 | 89204 | 684/2 | 51311 | 81815 | 85657 | 87070 |
| Spurn Point | 396 | 82627 | 66258 | 87904 | 3857/ | 01304 | 81820 | 88460 | |
| Leeming | 257 | 72718 | 75258 | 87203 | 794// | 01317 | 81915 | 84822 | 87645 |
| Tynemouth | 262 | 72617 | 81022 | 84703 | 3557/ | 01307 | 83625 | 87358 | |
| Carlisle | 222 | 62818 | 75018 | 87403 | 55402 | 01319 | 81715 | 83618 | |
| Valley | 302 | 72725 | 80028 | 93805 | 2847/ | 02211 | 81818 | 85360 | 87465 |
| Ringway | 334 | 72616 | 70038 | 91404 | 744// | 01214 | 81710 | 87622 | |
| Squires Gate | 318 | 32825 | 75018 | 90605 | 28430 | 02219 | 81710 | | |
| Ronaldsway | 204 | 72721 | 80031 | 90804 | 28436 | 01213 | 81715 | 83359 | 85070 |
| Mull of Galloway | 131 | 72525 | 80258 | 88803 | 29483 | 02211 | 82910 | 87070 | |
| Eskdalemuir | 162 | 82716 | 60217 | 86402 | 883// | 50316 | 82708 | 85620 | 88640 |
| Prestwick | 135 | 72610 | 70028 | 86904 | 6847/ | 02217 | 81710 | 83816 | 85640 |
| Abbotsinch | 140 | 72707 | 75158 | 85902 | 784// | 00215 | 81815 | 83625 | 85645 |
| Leuchars | 171 | 62614 | 80026 | 83303 | 15532 | 01305 | 81620 | 83360 | 85070 |
| Dyce | 091 | 82809 | 70617 | 82702 | 852// | 01305 | 81704 | 85625 | 88650 |
| Lerwick | 005 | 63306 | 68031 | 81103 | 58402 | 00502 | 83816 | 83620 | |
| Wick | 075 | 62502 | 80011 | 82500 | 15632 | 51302 | 81640 | 85360 | 86070 |
| Sule Skerry | 010 | 42304 | 74030 | 82704 | 32570 | 02504 | 83820 | | |
| Cape Wrath | 049 | 62308 | 80021 | 82003 | 655// | 01706 | 86625 | | |
| Stornoway | 026 | 52404 | 80018 | 81901 | 39402 | 00603 | 81918 | 84070 | |
| Benbecula | 022 | 71306 | 70258 | 81002 | 3947/ | 01813 | 83915 | 87360 | |
| Tiree | 100 | 72206 | 75278 | 82704 | 6347/ | 02816 | 81710 | 83915 | 85632 |
| Aldergrove | 917 | 72314 | 65258 | 89202 | 784// | 01102 | 82710 | 83815 | 85620 |
| Malin | 980 | 82126 | 60608 | 84904 | 835// | 02818 | 88920 | | |
| Belmullet | 976 | 72830 | 68278 | 91006 | 634/3 | 01500 | 85919 | 83070 | |
| Birr | 965 | 72513 | 70258 | 96003 | 785// | 01215 | 86820 | 85631 | |
| Dublin | 969 | 12418 | 75011 | 93203 | 19500 | 50309 | 81920 | | |
| Shannon | 962 | 73029 | 64878 | 98303 | 794// | 02316 | 85915 | 85625 | |
| Roches Point | 952 | 52618 | 70018 | 00603 | 19403 | 00311 | 81915 | 85068 | |
| Valentia | 953 | 72925 | 70808 | 02406 | 735// | 01320 | 87925 | | |

## OBSERVATIONS during NIGHT

| Station | iii | RRT$_n$T$_n$E | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 02001 | 00 | pr. | pr.prspspr.s. |
| Hurn | 862 | 02031 | 01 | pr. | r.r |
| Manston | 797 | 91031 | 01 | ir.pr. | + |
| Gatwick | 776 | 92031 | 00 | r.pr. | r.pr. |
| Kew | 775 | 93031 | 01 | pr.pr | pr. |
| Heathrow | 772 | 91031 | 00 | r.pr. | pr.s.pr. |
| Honington | 586 | 93021 | 01 | pr.rr. | + |
| Wattisham | 590 | 94021 | 50 | pr. | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00031 | 02 | + | + |
| Filton | 628 | 01021 | 50 | pr.prpr.ps.ph | pr.s. |
| Rhoose | 715 | 02031 | 01 | pr.prpr.s. | pr.ph |
| Hartland Point | 703 | 01032 | 02 | | |
| Mount Batten | 827 | 02041 | 02 | prpr. | pr.pr |
| St.Mawgan | 817 | 03031 | 01 | pr.s.phr | pr.phr |
| Scilly | 804 | 05032 | 01 | prl | prtlrph |
| Culdrose | 809 | 03032 | 01 | pr.ph. | pr.ph. |
| Guernsey | 894 | 02031 | 02 | pr. | ph.pr.ph.r. |
| Elmdon | 534 | 92021 | 52 | pr.pr.s. | + |
| Cardington | 559 | 97021 | 50 | pr. | + |
| Wittering | 462 | 97021 | 00 | pr. | pr.s.ps |
| Watnall | 354 | 01011 | 51 | pr.pr.s. | pr.s.pr. |
| Shawbury | 414 | 01021 | 51 | pr.pr.s. | pr.s. |
| Finningley | 360 | 95021 | 01 | pr.pr | pr.pr.s. |
| Spurn Point | 396 | | | ir.pr. | ir.pr.pr |
| Leeming | 257 | 02021 | 01 | pr. | pr. |
| Tynemouth | 262 | 00031 | 02 | + | + |
| Carlisle | 222 | 08021 | 01 | pr.prrr.prsr | r.r.rpr.pr |
| Valley | 302 | 95041 | 02 | pr.pr.s. | pr.s. |
| Ringway | 334 | 01031 | 02 | pr.r.s. | pr. |
| Squires Gate | 318 | 02031 | 03 | pr.prrr.r. | pr. |
| Ronaldsway | 204 | 01031 | 01 | prrr. | rsr. |
| Mull of Galloway | 131 | 02021 | | | |
| Eskdalemuir | 162 | 01011 | 50 | r.r.d.r. | d.r.r.s.pr.s. |
| Prestwick | 135 | 03021 | 00 | pr.pr | pr. |
| Abbotsinch | 140 | 02021 | 50 | pr.pr.s. | pr.s.pr. |
| Leuchars | 171 | 02011 | 50 | pr.rrr. | + |
| Dyce | 091 | 05011 | 50 | r.r.rsrs | rsr.r.r.s. |
| Lerwick | 005 | 00501 | 54 | + | + |
| Wick | 075 | 00511 | 53 | + | + |
| Sule Skerry | 010 | 94031 | 55 | | |
| Cape Wrath | 049 | 05012 | 00 | + | phr |
| Stornoway | 026 | 03001 | 53 | pr.r.r. | + |
| Benbecula | 022 | 02011 | 51 | pr. | pr.prpR |
| Tiree | 100 | 05021 | 00 | pr.pRphr | ph.r.pr.pr |
| Aldergrove | 917 | 02012 | 50 | pr.pr.s. | pr.ps.prs |
| Malin | 980 | 04 | | | |
| Belmullet | 976 | 04 | | | |
| Birr | 965 | 03 | | | |
| Dublin | 969 | 01 | | | |
| Shannon | 962 | 07 | | | |
| Roches Point | 952 | 02 | | | |
| Valentia | 953 | 02 | | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 23001 | 82006 | 97616 | 12704 | 8742/ | 00725 | ///// | ///// | 05402 | 10580 | 3//01 | 29/10 |
| L | 99569 | 70202 | 23004 | 72848 | 97019 | 83305 | 784// | 61343 | 83814 | 87640 | 0//01 | 10900 | 31216 | 24112 |
| M | 99656 | 10022 | 23004 | 71515 | 97258 | 89203 | 79400 | 00718 | 83913 | ///// | 0//04 | 10607 | 30403 | 99/03 |
| R | 99470 | 70167 | 23004 | 53135 | 98032 | 22009 | 53500 | 61013 | 85920 | ///// | 0//05 | 11140 | 31016 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 23061 | 82316 | 95616 | 07307 | 8742/ | 00822 | ///// | ///// | 00307 | 10604 | 3//08 | 29/09 |
| L | 99567 | 70187 | 23064 | 72745 | 97258 | 90604 | 784// | 22127 | 82815 | 87630 | 0//01 | 10914 | 31321 | 24216 |
| M | 99657 | 10023 | 23064 | 71520 | 98028 | 87604 | 78400 | 00806 | 82818 | 87625 | 0//02 | 10608 | 30504 | 99/03 |
| R | 99470 | 70170 | 23064 | 73030 | 97031 | 24608 | 78500 | 61216 | 86820 | ///// | 0//04 | 11144 | 31116 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

No. 42491 Date of Issue FRIDAY 24 MARCH 1978

## OBSERVATIONS at 12h. 23 MARCH 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 42619 | 80808 | 01505 | 22403 | 02112 | 82814 | 83070 | |
| Hurn | 862 | 42610 | 68271 | 03005 | 29501 | 03215 | 82920 | | |
| Manston | 797 | 62619 | 81031 | 99709 | 54642 | 51213 | 84832 | | |
| Gatwick | 776 | 62816 | 70278 | 01505 | 49503 | 01117 | 81922 | 83830 | 85075 |
| Kew | 775 | 72518 | 75251 | 99907 | 59503 | 01213 | 83925 | 83830 | 85072 |
| Heathrow | 772 | 72519 | 80808 | 99808 | 39502 | 03212 | 82928 | 85075 | |
| Honington | 586 | 72421 | 81031 | 96607 | 32602 | 51216 | 83832 | 86070 | |
| Wattisham | 590 | 62525 | 82031 | 97007 | 32502 | 50014 | 83826 | 86070 | |
| Gorleston | 497 | 62420 | 66028 | 95508 | 625// | 51215 | 86825 | | |
| Aberporth | 502 | 72624 | 70018 | 00505 | 784// | 02212 | 84818 | 87640 | |
| Filton | 628 | 82720 | 62891 | 01506 | 835// | 03208 | 84920 | 85628 | 85635 |
| Rhoose | 715 | 62626 | 66809 | 00907 | 59432 | 02307 | 82818 | 82922 | 83075 |
| Hartland Point | 703 | 62819 | 74012 | 04307 | 22672 | 02217 | 82830 | 84360 | |
| Mount Batten | 827 | 42925 | 80028 | 05408 | 39403 | 02113 | 81915 | | |
| St.Mawgan | 817 | 62723 | 65258 | 07005 | 59403 | 01224 | 83915 | 83817 | 85075 |
| Scilly | 804 | 53032 | 65278 | 08308 | 59400 | 02215 | 85919 | | |
| Culdrose | 809 | 62917 | 65279 | 08303 | 59203 | 02324 | 81703 | 85912 | |
| Guernsey | 894 | 72825 | 70258 | 08205 | 69433 | 00307 | 82814 | 83920 | 86072 |
| Elmdon | 534 | 72626 | 70801 | 96307 | 785// | 52305 | 85826 | 87632 | |
| Cardington | 559 | 72523 | 75021 | 97008 | 48503 | 50110 | 83825 | 86075 | |
| Wittering | 462 | 72626 | 82031 | 95008 | 44676 | 51108 | 83830 | 85462 | 87270 |
| Watnall | 354 | 82523 | 60608 | 94505 | 5232/ | 01306 | 82708 | 83815 | 88458 |
| Shawbury | 414 | 82422 | 65808 | 95904 | 894// | 02303 | 84710 | 84912 | 88620 |
| Finningley | 360 | 62316 | 80808 | 92707 | 626// | 00112 | 86830 | | |
| Spurn Point | 396 | 72020 | 65028 | 92108 | 5857/ | 51218 | 85820 | | |
| Leeming | 257 | 72617 | 86038 | 90206 | 725/2 | 02106 | 87820 | | |
| Tynemouth | 262 | 72508 | 80022 | 88907 | 755// | 51225 | 87625 | | |
| Carlisle | 222 | 72613 | 75258 | 89105 | 784// | 03307 | 82712 | 86815 | |
| Valley | 302 | 72731 | 75018 | 96507 | 21432 | 04320 | 82819 | 83360 | 87070 |
| Ringway | 334 | 82519 | 56692 | 93803 | 7632/ | 02106 | 87707 | 88522 | |
| Squires Gate | 318 | 82829 | 60278 | 92105 | 884// | 04202 | 85815 | 87622 | |
| Ronaldsway | 204 | 72824 | 65807 | 92807 | 684/2 | 03325 | 81713 | 83818 | 85656 |
| Mull of Galloway | 131 | 73025 | 80268 | 90604 | 734// | 04326 | 83915 | 87630 | |
| Eskdalemuir | 162 | 72210 | 75808 | 88304 | 784// | 01106 | 84715 | 87820 | |
| Prestwick | 135 | 72510 | 75158 | 87707 | 59462 | 04312 | 81710 | 81915 | 83630 |
| Abbotsinch | 140 | 71905 | 68258 | 86706 | 784// | 02109 | 81710 | 85826 | 86620 |
| Leuchars | 171 | 72512 | 75801 | 86406 | 784/2 | 01211 | 81715 | 85825 | |
| Dyce | 091 | 62307 | 84026 | 85208 | 48502 | 01109 | 84820 | 84072 | 83816 |
| Lerwick | 005 | 53111 | 80021 | 82807 | 38402 | 51213 | 81815 | 83070 | |
| Wick | 075 | 21203 | 84011 | 84307 | 12532 | 03208 | 81820 | | |
| Sule Skerry | 010 | 31805 | 83018 | 84507 | 12530 | 04210 | 81820 | | |
| Cape Wrath | 049 | 52310 | 80028 | 83306 | 22502 | 02206 | 82820 | 85070 | |
| Stornoway | 026 | 71617 | 62808 | 82105 | 783// | 03201 | 81708 | 85816 | 87640 |
| Benbecula | 022 | 52723 | 80038 | 82207 | 49403 | 05322 | 81915 | 83818 | |
| Tiree | 100 | 72826 | 75158 | 84907 | 49402 | 05320 | 81713 | 83918 | 85072 |
| Aldergrove | 917 | 72821 | 60808 | 92507 | 793// | 04338 | 82706 | 83712 | 86918 |
| Malin | 980 | 72835 | 65285 | 90907 | 534/3 | 03340 | 85918 | 85070 | |
| Belmullet | 976 | 62725 | 70278 | 98007 | 634// | 50218 | 81716 | 85820 | 82920 |
| Birr | 965 | 72917 | 62896 | 00004 | 734// | 01119 | 86918 | 84632 | |
| Dublin | 969 | 42628 | 82018 | 95707 | 42500 | 01221 | 84820 | | |
| Shannon | 962 | 63025 | 56878 | 02307 | 694// | 03220 | 81713 | 86920 | |
| Roches Point | 952 | 22823 | 80258 | 04305 | 29400 | 01321 | 82917 | | |
| Valentia | 953 | 52824 | 70258 | 06907 | 53500 | 01225 | 84925 | 83640 | |

## OBSERVATIONS at 18h. 23 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32721 | 82158 | 03006 | 28532 | 51308 | 81825 | | |
| Hurn | 862 | 52717 | 80038 | 04108 | 59500 | 51212 | 81920 | 83822 | |
| Manston | 797 | 72615 | 80218 | 00806 | 25638 | 01014 | 82635 | 87270 | |
| Gatwick | 776 | 72718 | 80018 | 02207 | 11602 | 01109 | 81830 | 87070 | |
| Kew | 775 | 62413 | 75028 | 01407 | 34502 | 01211 | 83625 | 85075 | |
| Heathrow | 772 | 52414 | 70018 | 01307 | 28502 | 03210 | 81825 | 85075 | |
| Honington | 586 | 62521 | 70018 | 97206 | 48602 | 01303 | 82835 | 83645 | 85070 |
| Wattisham | 590 | 72522 | 80217 | 98105 | 38532 | 01208 | 81820 | 83635 | 86070 |
| Gorleston | 497 | 82516 | 64616 | 96305 | 8052/ | 03307 | 88525 | | |
| Aberporth | 502 | 42827 | 75018 | 02505 | 33402 | 51305 | 81915 | | |
| Filton | 628 | 32718 | 65278 | 03206 | 39400 | 03307 | 82918 | | |
| Rhoose | 715 | 52622 | 68258 | 02706 | 59401 | 02111 | 82818 | 81922 | |
| Hartland Point | 703 | 73515 | 77032 | 05506 | 62531 | 01209 | 86820 | 85360 | |
| Mount Batten | 827 | 22921 | 70018 | 07207 | 29460 | 02310 | 81915 | | |
| St.Mawgan | 817 | 52923 | 65018 | 08007 | 49460 | 02111 | 81915 | 84819 | |
| Scilly | 804 | 53324 | 60258 | 10106 | 28472 | 03207 | 81817 | 84075 | |
| Culdrose | 809 | 52918 | 64038 | 08906 | 59300 | 03111 | 81708 | 82912 | 83620 |
| Guernsey | 894 | 52830 | 75158 | 09006 | 59402 | 01303 | 83816 | 81925 | |
| Elmdon | 534 | 22823 | 80018 | 99007 | 28540 | 51215 | 81825 | | |
| Cardington | 559 | 62519 | 68018 | 98807 | 58532 | 01210 | 83828 | 85640 | 85073 |
| Wittering | 462 | 52721 | 81018 | 97507 | 34602 | 01316 | 81830 | 84070 | |
| Watnall | 354 | 32714 | 75017 | 97407 | 18502 | 00119 | 81824 | 83075 | |
| Shawbury | 414 | 52720 | 74278 | 99406 | 59400 | 01224 | 81918 | 85824 | |
| Finningley | 360 | 72716 | 65156 | 95607 | 58542 | 02324 | 85824 | 83640 | |
| Spurn Point | 396 | 72725 | 66036 | 94206 | 35442 | 03219 | 81715 | 83630 | 87075 |
| Leeming | 257 | 42711 | 80018 | 94005 | 19561 | 03230 | 81920 | 83070 | |
| Tynemouth | 262 | 42720 | 80021 | 90706 | 13603 | 01218 | 81930 | 84075 | |
| Carlisle | 222 | 62819 | 70158 | 93206 | 59432 | 01326 | 82914 | 83820 | |
| Valley | 302 | 62920 | 80158 | 00006 | 69481 | 01215 | 81917 | 83818 | 85632 |
| Ringway | 334 | 22719 | 75017 | 97206 | 29502 | 01222 | 81925 | | |
| Squires Gate | 318 | 62722 | 75038 | 96806 | 49533 | 04120 | 81920 | 83640 | |
| Ronaldsway | 204 | 22819 | 75258 | 96506 | 28502 | 51220 | 81825 | | |
| Mull of Galloway | 131 | 52934 | 80158 | 94905 | 33401 | 03217 | 83918 | 85075 | |
| Eskdalemuir | 162 | 72724 | 62808 | 92103 | 69433 | 50321 | 84917 | | |
| Prestwick | 135 | 72920 | 58258 | 92605 | 69373 | 03225 | 81708 | 83911 | 85624 |
| Abbotsinch | 140 | 73014 | 65258 | 91206 | 793// | 03231 | 81709 | 83914 | 87626 |
| Leuchars | 171 | 72519 | 82038 | 87705 | 39543 | 02215 | 81920 | 83640 | 85072 |
| Dyce | 091 | 62306 | 82152 | 85807 | 53503 | 01310 | 81920 | 83656 | 85068 |
| Lerwick | 005 | 13207 | 82011 | 85505 | 14501 | 52215 | 81625 | | |
| Wick | 075 | 71408 | 80021 | 85705 | 55632 | 03213 | 85635 | 86359 | 87070 |
| Sule Skerry | 010 | 60507 | 81021 | 86106 | 48566 | 03213 | 81820 | 83625 | 86070 |
| Cape Wrath | 049 | 70910 | 82258 | 85003 | 785// | 02317 | 83820 | 87625 | |
| Stornoway | 026 | 70505 | 72808 | 85604 | 793// | 03126 | 83707 | 86815 | 82915 |
| Benbecula | 022 | 82727 | 60818 | 86105 | 893// | 04217 | 83706 | 88910 | |
| Tiree | 100 | 72828 | 61258 | 89306 | 3946/ | 04014 | 81710 | 82912 | 86360 |
| Aldergrove | 917 | 42716 | 70018 | 96605 | 39402 | 50220 | 81712 | 81918 | |
| Malin | | | | | | | | | |
| Belmullet | 976 | 52920 | 72808 | 01205 | 5346/ | 01216 | 81718 | 84920 | |
| Birr | | | | | | | | | |
| Dublin | | | | | | | | | |
| Shannon | | | | | | | | | |
| Roches Point | 952 | 52728 | 80018 | 06605 | 39402 | 01215 | 82916 | 84072 | |
| Valentia | 953 | 73014 | 75258 | 08806 | 78502 | 03214 | 83823 | 85635 | |

## OBSERVATIONS during DAY

| Station | iii | RRT×T×E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 93081 | 045 | ph.pr. | jp |
| Hurn | 862 | 01101 | 059 | pr.ph.ph | + |
| Manston | 797 | 93101 | 075 | jp | pr.prsr. |
| Gatwick | 776 | 02091 | 045 | pr.pHjp | jp |
| Kew | 775 | 97091 | 055 | pr. | pr. |
| Heathrow | 772 | 95101 | 057 | pr.r. | r.pr.pr |
| Honington | 586 | 02091 | 043 | pr.prprs-rs | rsrrr. |
| Wattisham | 590 | 01091 | 039 | pr. | pr.r.s.rr. |
| Gorleston | 497 | | 061 | | |
| Aberporth | 502 | 96071 | 034 | pr. | ph.r. |
| Filton | 628 | 95081 | 037 | pr.ph.r.pr. | pr.ph.r.pr.pr |
| Rhoose | 715 | 97081 | 063 | phtl.hpr. | pr. |
| Hartland Point | 703 | 00071 | 061 | | |
| Mount Batten | 827 | 01091 | 069 | phrpr. | pr.phr |
| St.Mawgan | 817 | 01081 | 068 | ph.pr. | pr. |
| Scilly | 804 | 04082 | 062 | prsph | prprh |
| Culdrose | 809 | 03082 | 051 | pr.tlr.ph. | pr.ph. |
| Guernsey | 894 | 92081 | 055 | pr.pr | pr.phr |
| Elmdon | 534 | 95091 | 057 | pr.pr.s.r. | jp |
| Cardington | 559 | 01091 | 059 | pr.r.r. | r.r. |
| Wittering | 462 | 01081 | 047 | pr.r.r | + |
| Watnall | 354 | 01071 | 027 | pr.r.rs1r. | + |
| Shawbury | 414 | 01091 | 042 | pr.pr.s.r. | pr.ph.r.pr.s. |
| Finningley | 360 | 92081 | 024 | pr.r.r. | r. |
| Spurn Point | 396 | | | r.r. | r.r. |
| Leeming | 257 | 97081 | 023 | jp | pr. |
| Tynemouth | 262 | 00091 | 045 | + | + |
| Carlisle | 222 | 92071 | 022 | pr. | pr.ph.r. |
| Valley | 302 | 02091 | 041 | prsprpr. | ph.r.pr. |
| Ringway | 334 | 04081 | 026 | rsrsr. | + |
| Squires Gate | 318 | 04071 | 027 | pr.ph.phr | + |
| Ronaldsway | 204 | 01091 | 050 | r.s.1r.pr. | pr.pr.s. |
| Mull of Galloway | 131 | 03071 | | | |
| Eskdalemuir | 162 | 04051 | 006 | pr.s.pr.prs | prspr.s.pr. |
| Prestwick | 135 | 07071 | 030 | pr.pr | pr.pr.s.tl.h. |
| Abbotsinch | 140 | 06072 | 014 | pr.prpr.s.ph | ph.r.pr.pr.s. |
| Leuchars | 171 | 91081 | 051 | pr. | pr. |
| Dyce | 091 | 00101 | 066 | + | jp |
| Lerwick | 005 | 00070 | 106 | + | + |
| Wick | 075 | 00081 | 049 | + | + |
| Sule Skerry | 010 | 97071 | | | |
| Cape Wrath | 049 | 03062 | 027 | + | pr.rrir. |
| Stornoway | 026 | 02061 | 012 | pr. | pr. |
| Benbecula | 022 | 06081 | 045 | pr. | prpRpr. |
| Tiree | 100 | 03071 | 010 | pr.ph.r. | pHRpr.pr |
| Aldergrove | 917 | 01082 | 030 | prsprpr. | pr.ph. |
| Malin | 980 | 08 | 042 | | |
| Belmullet | 976 | 9608 | 074 | | |
| Birr | 965 | 08 | 059 | | |
| Dublin | 969 | 08 | 061 | | |
| Shannon | 962 | 08 | 053 | | |
| Roches Point | 952 | 0208 | 065 | | |
| Valentia | 953 | 0108 | 036 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

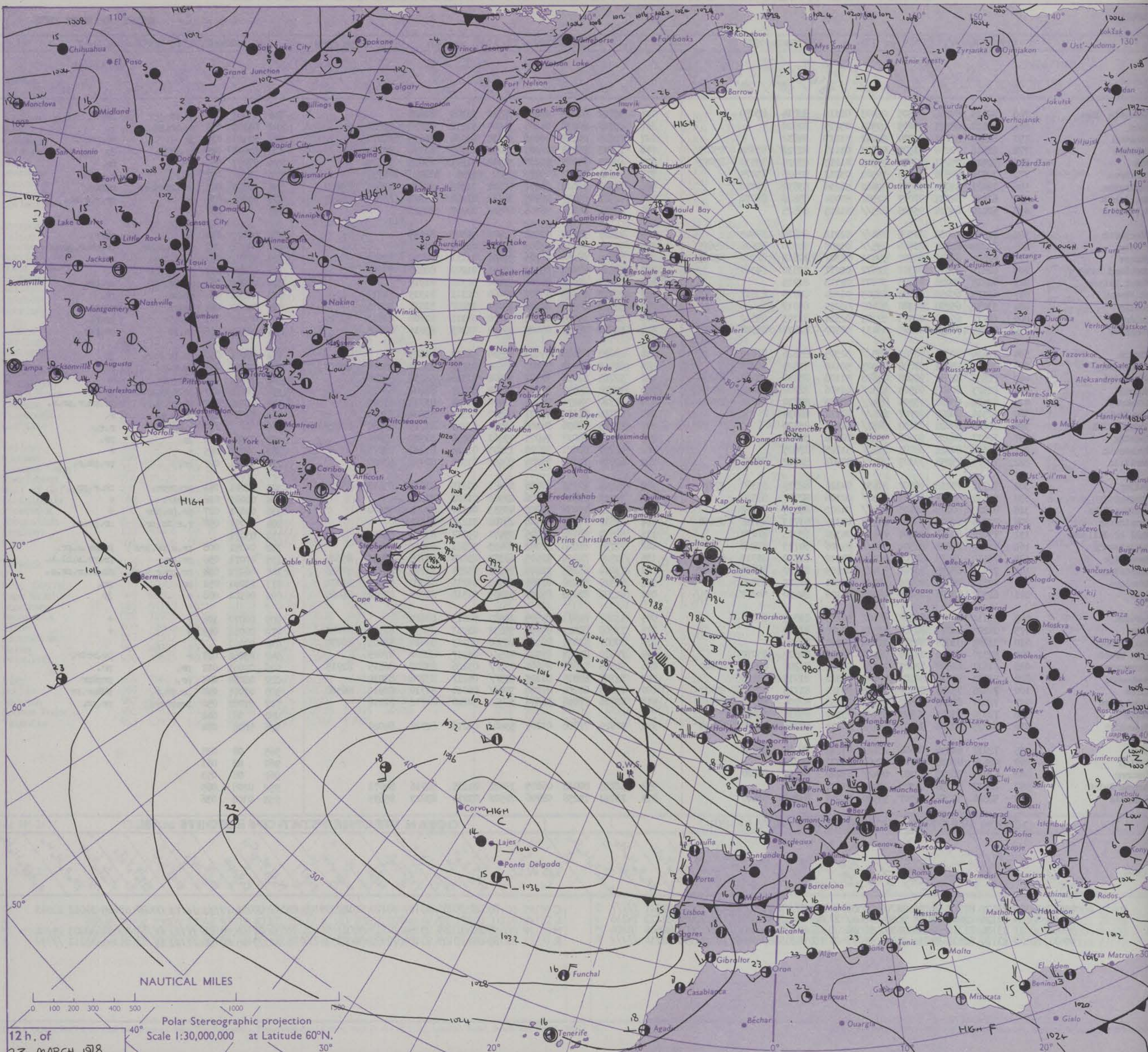
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 23121 | 82217 | 96106 | 08708 | 35557 | 00101 | ///// | ///// | 00406 | 10624 | 31011 | ///// |
| L | 99565 | 70169 | 23124 | 72846 | 98038 | 95504 | 784// | 22338 | 85815 | 84635 | 0//52 | 10898 | 31323 | 24216 |
| M | 99659 | 10021 | 23124 | 51319 | 98038 | 88504 | 58500 | 00305 | 81820 | 85645 | 0//01 | 10606 | 30604 | 18804 |
| R | 99471 | 70173 | 23124 | 82832 | 98038 | 26411 | 884// | 71102 | 81815 | 88640 | 0//07 | 11131 | 31214 | ///// |

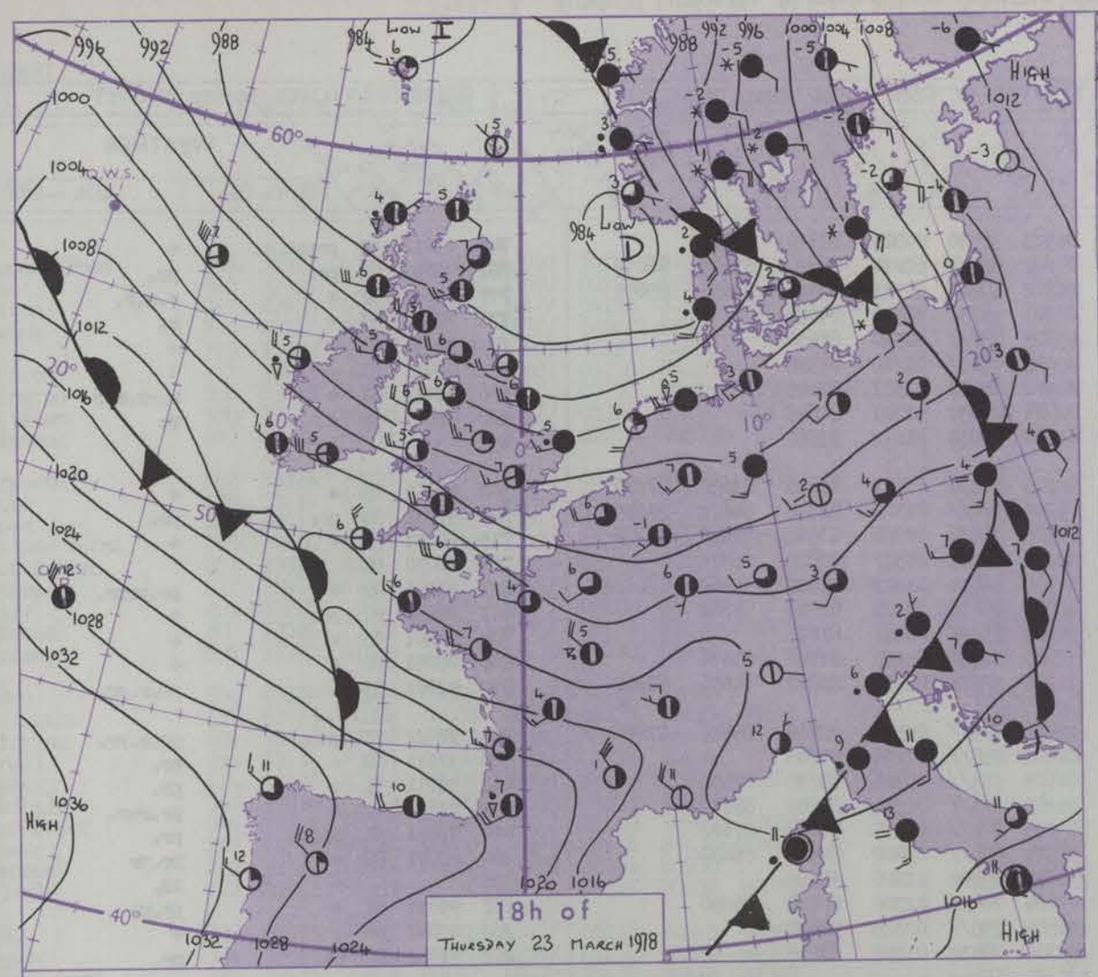
## OCEAN WEATHER STATION REPORTS at 18h.

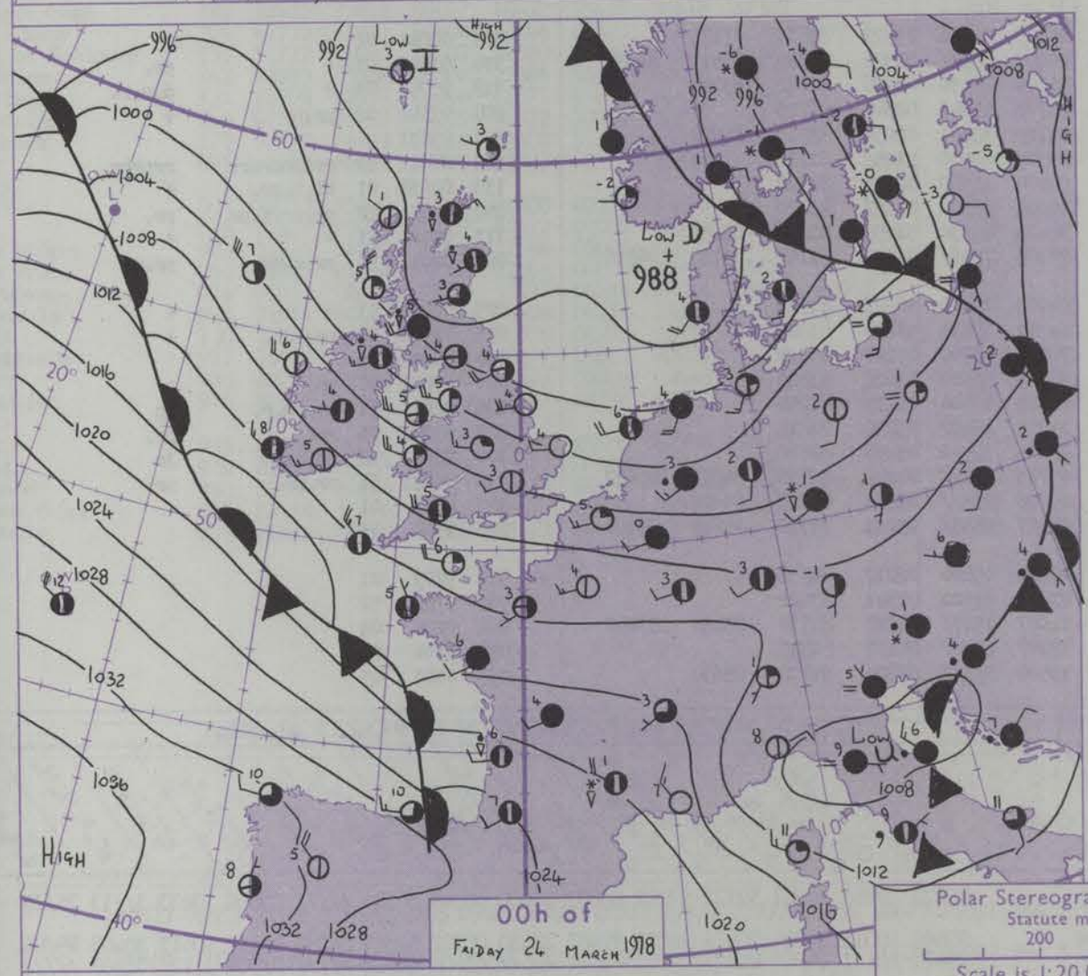
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 23181 | 83120 | 96102 | 99109 | 855// | 00756 | ///// | ///// | 00607 | 10610 | 31012 | 23315 |
| L | 99660 | 10019 | 23184 | 11117 | 98021 | 90603 | 18531 | 00114 | 81825 | ///// | 0//51 | 10593 | 30403 | 09/04 |
| M | 99470 | 70169 | 23184 | 72930 | 96022 | 26712 | 763// | 71114 | 87706 | ///// | 0//11 | 11141 | 31212 | ///// |
| R | | | | | | | | | | | | | | |

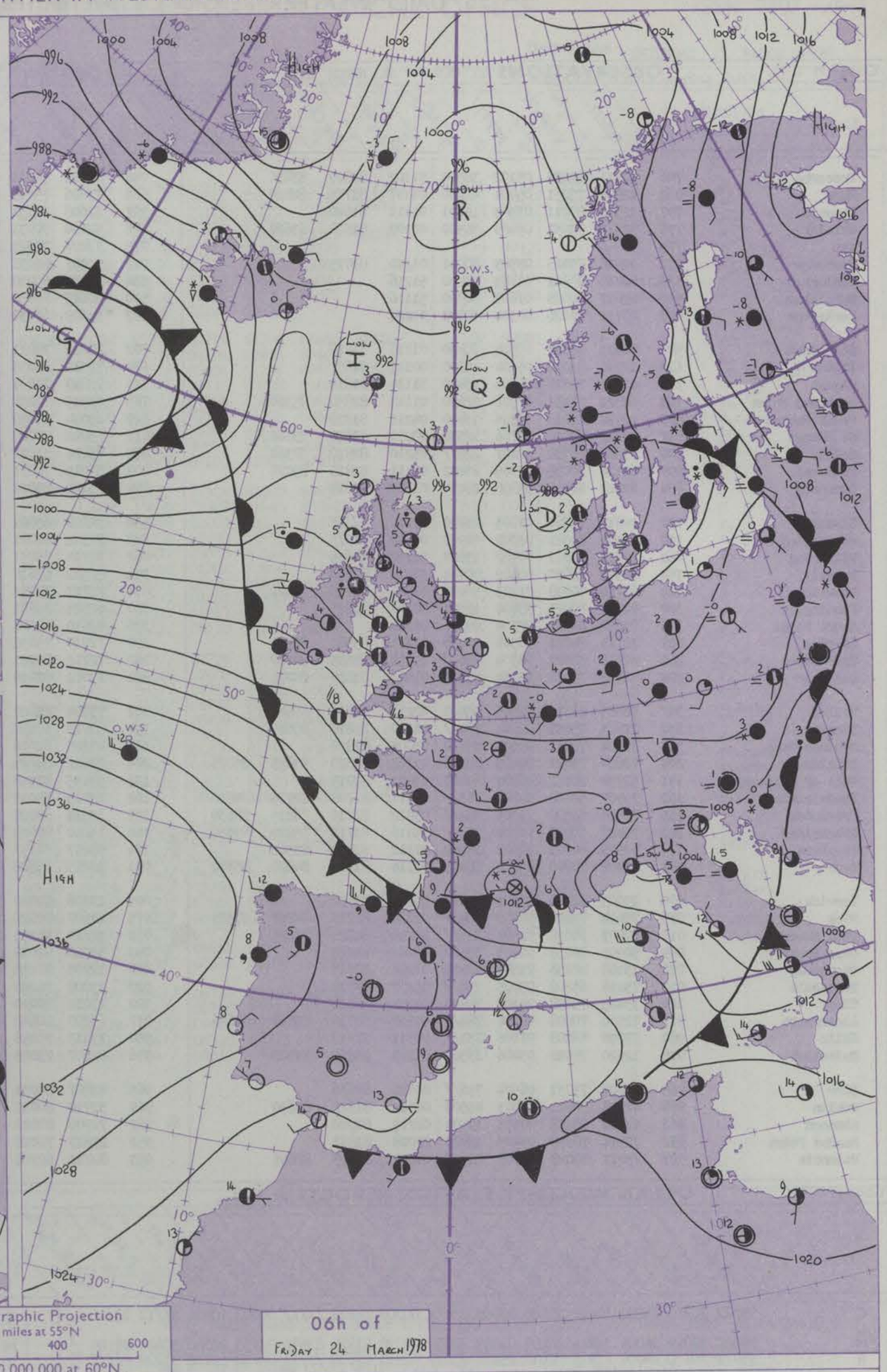
All times of observation printed in this publication are GREENWICH MEAN TIME.

## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday FRIDAY 24 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a low pressure complex extending from Iceland to the northern North Sea has moved slowly eastwards. A strong to gale force westerly airstream has covered much of the British Isles throughout the period.

During the next 24 hours, frontal systems within the circulation of a deep low, now south of Greenland, are expected to reach eastern Britain towards the end of the period.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

## Code FM 11.V — OBSERVATIONS at 00h. 24 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32511 | 82038 | 05102 | 38500 | 51109 | 81820 | 83630 | |
| Hurn | 862 | 42809 | 75251 | 05904 | 42400 | 01107 | 81715 | 84820 | |
| Manston | 797 | 12511 | 80011 | 03303 | 15601 | 01111 | 81640 | | |
| Gatwick | 776 | 32513 | 75031 | 04403 | 38500 | 00109 | 81820 | 83628 | |
| Kew | 775 | | | | | | | | |
| Heathrow | 772 | 12508 | 75028 | 03503 | 00901 | 01210 | 81075 | | |
| Honington | 586 | 02415 | 80021 | 01103 | 00900 | 51216 | | | |
| Wattisham | 590 | 02617 | 82028 | 01602 | 00900 | 51116 | | | |
| Gorleston | 497 | 02712 | 66026 | 00304 | 00900 | 01204 | | | |
| Aberporth | 502 | 32923 | 80031 | 05504 | 28430 | 01216 | 81818 | | |
| Filton | 628 | 12916 | 82018 | 05104 | 15800 | 00112 | 81657 | | |
| Rhoose | 715 | 12817 | 75018 | 05504 | 18400 | 51114 | 81818 | | |
| Hartland Point | 703 | 62822 | 74031 | 07306 | 22630 | 01112 | 82830 | 85360 | |
| Mount Batten | 827 | 22914 | 70018 | 09306 | 11440 | 04212 | 81818 | | |
| St.Mawgan | 817 | 32923 | 70018 | 09706 | 18530 | 00210 | 81820 | 83360 | |
| Scilly | 804 | 73224 | 69038 | 12107 | 2257/ | 03210 | 82820 | 87360 | |
| Culdrose | 809 | 63116 | 70038 | 10905 | 21402 | 03111 | 82818 | 85070 | |
| Guernsey | 894 | 22922 | 80018 | 09806 | 28432 | 01603 | 82818 | | |
| Elmdon | 534 | 22813 | 75261 | 01903 | 28400 | 52110 | 81815 | | |
| Cardington | 559 | 12512 | 70021 | 02002 | 00902 | 00208 | 81075 | | |
| Wittering | 462 | 12514 | 82021 | 00902 | 15600 | 51110 | 81635 | | |
| Watnall | 354 | 32510 | 65030 | 00602 | 00904 | 51114 | 83080 | | |
| Shawbury | 414 | 62710 | 70038 | 01703 | 59403 | 01306 | 81915 | 84822 | |
| Finningley | 360 | 22713 | 80021 | 98404 | 15501 | 00110 | 81625 | | |
| Spurn Point | 396 | 02620 | 66021 | 97704 | 00900 | 01214 | | | |
| Leeming | 257 | 72713 | 84031 | 96504 | 30936 | 01211 | 83362 | 87275 | |
| Tynemouth | 262 | 62718 | 80021 | 94304 | 2562/ | 01211 | 82635 | 86459 | |
| Carlisle | 222 | 52716 | 75018 | 95204 | 28532 | 01002 | 81820 | 84072 | |
| Valley | 302 | 52825 | 81031 | 02605 | 58400 | 02211 | 81816 | 85640 | |
| Ringway | 334 | 72813 | 75031 | 99804 | 784// | 01210 | 84818 | 85645 | |
| Squires Gate | 318 | 32824 | 70011 | 98605 | 28530 | 03003 | 81822 | | |
| Ronaldsway | 204 | 72620 | 75021 | 99405 | 685/2 | 01103 | 82820 | 85645 | 85073 |
| Mull of Galloway | 131 | 52730 | 80152 | 96804 | 59400 | 01802 | 83915 | | |
| Eskdalemuir | 162 | 71909 | 58808 | 94802 | 793// | 01111 | 82708 | 82915 | 84820 |
| Prestwick | 135 | 82520 | 62809 | 93305 | 884// | 03812 | 82710 | 86815 | 88630 |
| Abbotsinch | 140 | 72420 | 60808 | 90804 | 784// | 03816 | 81712 | 85820 | 87630 |
| Leuchars | 171 | 62505 | 84022 | 90803 | 18542 | 01212 | 81820 | 83362 | |
| Dyce | 091 | 72407 | 70808 | 89704 | 58463 | 02116 | 81714 | 84820 | 85360 |
| Lerwick | 005 | 23005 | 82020 | 90303 | 25600 | 50221 | 82630 | | |
| Wick | 075 | 70614 | 75808 | 90303 | 784// | 02230 | 82710 | 84818 | 87635 |
| Sule Skerry | 010 | 80903 | 74038 | 92504 | 885// | 01234 | 84820 | 88625 | |
| Cape Wrath | 049 | 50903 | 80258 | 92403 | 53500 | 02242 | 85925 | | |
| Stornoway | 026 | 13108 | 80258 | 93301 | 19400 | 01244 | 81915 | | |
| Benbecula | 022 | 73216 | 65808 | 95005 | 794// | 03267 | 87914 | | |
| Tiree | 100 | 33425 | 75038 | 94105 | 38400 | 04350 | 82818 | | |
| Aldergrove | 917 | 72516 | 70808 | 98904 | 784// | 01210 | 83710 | 85817 | 85626 |
| Malin | 980 | 73030 | 68808 | 97106 | 734// | 04313 | 87918 | | |
| Belmullet | 976 | 12920 | 78018 | 05406 | 13560 | 01220 | 81820 | 81920 | |
| Birr | 965 | 72707 | 75031 | 06504 | 756// | 01120 | 87636 | | |
| Dublin | 969 | 42518 | 80011 | 03003 | 45500 | 00314 | 81622 | 84650 | |
| Shannon | 962 | 12916 | 80278 | 08305 | 19500 | 02213 | 81920 | | |
| Roches Point | 952 | 12514 | 70258 | 09405 | 18400 | 02008 | 81817 | | |
| Valentia | 953 | 73017 | 70028 | 11708 | 785// | 04219 | 83823 | 87635 | |

## OBSERVATIONS at 06h. 24 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 42718 | 80011 | 06503 | 38530 | 00313 | 81820 | 83630 | |
| Hurn | 862 | 72806 | 75258 | 07604 | 685/1 | 02214 | 83820 | 83633 | 86075 |
| Manston | 797 | 72608 | 80151 | 04702 | 7854/ | 50313 | 82820 | 83635 | 85650 |
| Gatwick | 776 | 52614 | 80031 | 05901 | 4573/ | 51313 | 84650 | | |
| Kew | 775 | 72407 | 75021 | 05103 | 757// | 50310 | 87650 | | |
| Heathrow | 772 | 72507 | 81031 | 05003 | 7095/ | 01212 | 87358 | | |
| Honington | 586 | 32414 | 80010 | 02402 | 25632 | 51311 | 82645 | | |
| Wattisham | 590 | 32615 | 80030 | 02901 | 25632 | 51209 | 82645 | | |
| Gorleston | 497 | 32609 | 66030 | 01802 | 30930 | 51112 | 83360 | | |
| Aberporth | 502 | 73022 | 70011 | 08205 | 38436 | 01321 | 81818 | 83656 | 87270 |
| Filton | 628 | 72912 | 82038 | 06905 | 784// | 01309 | 81818 | 84625 | 87635 |
| Rhoose | 715 | 72819 | 70031 | 07505 | 38436 | 02320 | 81812 | 8[illegible]625 | 87275 |
| Hartland Point | 703 | 63315 | 77258 | 10006 | 21541 | 03317 | 82820 | 86075 | |
| Mount Batten | 827 | 63014 | 65038 | 11106 | 44531 | 03313 | 83822 | 83362 | 83625 |
| St.Mawgan | 817 | 73022 | 70028 | 12207 | 68432 | 03323 | 83818 | 84622 | |
| Scilly | 804 | 73222 | 81022 | 14108 | 755// | 06217 | 87626 | | |
| Culdrose | 809 | 53015 | 70031 | 12906 | 32330 | 04318 | 81708 | 83818 | |
| Guernsey | 894 | 73125 | 80021 | 11206 | 58578 | 01310 | 83822 | 84656 | 87362 |
| Elmdon | 534 | 72818 | 65801 | 02904 | 784// | 00309 | 82710 | 85816 | 87650 |
| Cardington | 559 | 72312 | 64021 | 02902 | 756// | 01208 | 87645 | | |
| Wittering | 462 | 72714 | 75031 | 01603 | 755// | 00306 | 83628 | 87656 | |
| Watnall | 354 | 82512 | 62618 | 01203 | 873// | 01302 | 83709 | 88712 | |
| Shawbury | 414 | 72717 | 75252 | 03205 | 784// | 01215 | 82814 | 87622 | |
| Finningley | 360 | 62514 | 70801 | 98804 | 684// | 02400 | 84815 | 86630 | |
| Spurn Point | 396 | 62510 | 68021 | 98904 | 65500 | 01206 | 86620 | | |
| Leeming | 257 | 72910 | 75031 | 97404 | 784// | 02308 | 82818 | 86650 | |
| Tynemouth | 262 | 72712 | 80021 | 96805 | 756// | 02325 | 87630 | | |
| Carlisle | 222 | 23012 | 82018 | 99704 | 28432 | 01352 | 81818 | | |
| Valley | 302 | 73024 | 78022 | 06005 | 31406 | 03329 | 83813 | 87275 | |
| Ringway | 334 | 82918 | 62258 | 00405 | 884// | 03302 | 81710 | 83815 | 88630 |
| Squires Gate | 318 | 43125 | 62016 | 01106 | 25430 | 03326 | 81712 | 83360 | |
| Ronaldsway | 204 | 23022 | 80028 | 03705 | 18441 | 02340 | 81713 | | |
| Mull of Galloway | 131 | 53435 | 80158 | 02705 | 33401 | 02254 | 83915 | 85070 | |
| Eskdalemuir | 162 | 23013 | 75018 | 99303 | 28400 | 51252 | 81712 | | |
| Prestwick | 135 | 13314 | 80028 | 01404 | 18500 | 02262 | 81820 | | |
| Abbotsinch | 140 | 13010 | 80028 | 00404 | 18500 | 01152 | 81820 | | |
| Leuchars | 171 | 53217 | 84151 | 98405 | 48530 | 51255 | 81825 | 83636 | |
| Dyce | 091 | 83215 | 65808 | 98103 | 7836/ | 01155 | 81707 | 85710 | 86816 |
| Lerwick | 005 | 13106 | 80020 | 94903 | 18400 | 50223 | 81815 | | |
| Wick | 075 | 12607 | 70028 | 98351 | 18531 | 51236 | 81820 | | |
| Sule Skerry | 010 | 32711 | 74151 | 98606 | 33500 | 04227 | 83920 | | |
| Cape Wrath | 049 | 33210 | 82018 | 98905 | 32500 | 03226 | 83820 | | |
| Stornoway | 026 | 12705 | 80158 | 00403 | 19400 | 01129 | 81914 | | |
| Benbecula | 022 | 13008 | 80258 | 01805 | 18402 | 03230 | 81818 | | |
| Tiree | 100 | 23212 | 80020 | 03205 | 12502 | 03238 | 81820 | | |
| Aldergrove | 917 | 63209 | 60808 | 05703 | 684// | 02242 | 82710 | 84816 | 85620 |
| Malin | 980 | 73115 | 70258 | 05406 | 735// | 03234 | 87820 | 81920 | |
| Belmullet | 976 | 82607 | 75028 | 08807 | 5653/ | 03211 | 83720 | 83640 | 86359 |
| Birr | 965 | 42807 | 80031 | 10204 | 45600 | 02217 | 84636 | | |
| Dublin | 969 | 32710 | 80018 | 07803 | 35500 | 01341 | 83622 | | |
| Shannon | 962 | 72909 | 80028 | 11807 | 4547/ | 04218 | 81718 | 83650 | 87460 |
| Roches Point | 952 | 22817 | 70028 | 12207 | 28400 | 04120 | 81817 | | |
| Valentia | 953 | 82811 | 62208 | 13509 | 853// | 07206 | 84709 | 88630 | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01011 | 52 | prsph.r. | + |
| Hurn | 862 | 93031 | 01 | pr. | pr. |
| Manston | 797 | 91011 | 52 | + | r.s.r. |
| Gatwick | 776 | 97011 | 53 | + | r. |
| Kew | 775 | 00031 | 50 | + | + |
| Heathrow | 772 | 00011 | 51 | + | + |
| Honington | 586 | 01011 | 51 | + | r.-r.s.r |
| Wattisham | 590 | 92001 | 52 | + | r. |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00041 | 03 | + | + |
| Filton | 628 | 97031 | 01 | pr. | pr. |
| Rhoose | 715 | 00041 | 02 | + | + |
| Hartland Point | 703 | 00050 | 04 | | |
| Mount Batten | 827 | 91051 | 02 | + | pr.prpr. |
| St.Mawgan | 817 | 97051 | 01 | pr. | + |
| Scilly | 804 | 00061 | 05 | + | + |
| Culdrose | 809 | 00051 | 02 | + | + |
| Guernsey | 894 | 92041 | 03 | + | ph.r.pr. |
| Elmdon | 534 | 97021 | 51 | pr.s. | pr.s.pr. |
| Cardington | 559 | 97011 | 52 | + | pr. |
| Wittering | 462 | 92011 | 51 | + | pr. |
| Watnall | 354 | 01011 | 52 | + | pr.rsr. |
| Shawbury | 414 | 97021 | 51 | pr.s. | pr. |
| Finningley | 360 | 92041 | 00 | + | pr.pr |
| Spurn Point | 396 | | | + | id. |
| Leeming | 257 | 95031 | 01 | + | pr.pr |
| Tynemouth | 262 | 00041 | 02 | + | + |
| Carlisle | 222 | 91031 | 00 | pr. | pr. |
| Valley | 302 | 00041 | 02 | + | + |
| Ringway | 334 | 01041 | 03 | + | pr. |
| Squires Gate | 318 | 95051 | 03 | + | d.r.r. |
| Ronaldsway | 204 | 97041 | 02 | pr. | + |
| Mull of Galloway | 131 | 93031 | | | |
| Eskdalemuir | 162 | 07011 | 51 | prsphpr.rr | rrprpr. |
| Prestwick | 135 | 02031 | 01 | tl.h.pr. | + |
| Abbotsinch | 140 | 94031 | 50 | pr.pr.s.pr | pr. |
| Leuchars | 171 | 00021 | 51 | + | + |
| Dyce | 091 | 02011 | 50 | pr.s.pr. | pr.s. |
| Lerwick | 005 | 00021 | 51 | + | + |
| Wick | 075 | 01511 | 53 | pr.r.r. | + |
| Sule Skerry | 010 | 92042 | 53 | | |
| Cape Wrath | 049 | 97021 | 00 | pr. | + |
| Stornoway | 026 | 92011 | 51 | pr.ph.r. | jp |
| Benbecula | 022 | 91041 | 03 | pr. | pr. |
| Tiree | 100 | 92041 | 02 | ph.r. | jp |
| Aldergrove | 917 | 01031 | 51 | pr.pr | pr. |
| Malin | 980 | 0403 | 01 | | |
| Belmullet | 976 | 9304 | 03 | | |
| Birr | 965 | 9703 | 01 | | |
| Dublin | 969 | 9702 | 50 | | |
| Shannon | 962 | 0204 | 02 | | |
| Roches Point | 952 | 9704 | 02 | | |
| Valentia | 953 | 0105 | 05 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 70355 24001 | 82422 | 97036 | 97406 | 856// | 00309 | 88639 | ///// | 00003 | 10634 | 3//12 | 23/16 |
| | 99660 10019 24004 | 70914 | 98031 | 94102 | 38559 | 00320 | 81820 | 83630 | 0//53 | 10586 | 30404 | 99/04 |
| | 99471 70170 24004 | 72922 | 97012 | 29812 | 755// | 41313 | 87630 | ///// | 0//10 | 11130 | 31209 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 70355 24061 | 52722 | 97012 | 05803 | 55600 | 00149 | 85634 | ///// | 05654 | 10633 | 3//13 | 25/19 |
| | 99660 10015 24064 | 50814 | 98022 | 97402 | 28430 | 00222 | 82815 | 84358 | 0//52 | 10612 | 30403 | 99/04 |
| | 99471 70171 24064 | 82827 | 97022 | 29011 | 855// | 61604 | 88626 | ///// | 0//09 | 11126 | 31207 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press. Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42492

Date of Issue SATURDAY 25 MARCH 1978

## OBSERVATIONS at 12h. 24 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 53021 | 83021 | 10909 | 41642 | 50225 | 84830 | | |
| Hurn | 862 | 32919 | 75031 | 12109 | 21532 | 02223 | 82820 | | |
| Manston | 797 | 82913 | 64618 | 07906 | 7847/ | 04216 | 82816 | 86640 | 88358 |
| Gatwick | 776 | 63217 | 82256 | 09708 | 685// | 50222 | 82826 | 85640 | |
| Kew | 775 | 53008 | 82018 | 09309 | 58601 | 00225 | 84830 | | |
| Heathrow | 772 | 53115 | 84251 | 09309 | 58601 | 02226 | 85835 | | |
| Honington | 586 | 83018 | 80607 | 07006 | 884// | 03335 | 82815 | 86622 | 88635 |
| Wattisham | 590 | 73123 | 66218 | 06906 | 784// | 02326 | 85814 | 87635 | |
| Gorleston | 497 | 62808 | 66011 | 05806 | 655// | 02219 | 86625 | | |
| Aberporth | 502 | 52816 | 70021 | 13408 | 11532 | 03214 | 81820 | 83359 | |
| Filton | 628 | 53114 | 82018 | 12310 | 48541 | 01223 | 83825 | | |
| Rhoose | 715 | 32917 | 72011 | 12310 | 32541 | 01117 | 83825 | | |
| Hartland Point | 703 | 32910 | 80011 | 15009 | 12531 | 05317 | 81820 | 83360 | |
| Mount Batten | 827 | 33016 | 82018 | 15410 | 38508 | 02216 | 83825 | | |
| St.Mawgan | 817 | 72917 | 81031 | 16309 | 3845/ | 05112 | 81815 | 83656 | 87358 |
| Scilly | 804 | 83218 | 40505 | 17609 | 862// | 08208 | 88704 | | |
| Culdrose | 809 | 73016 | 75022 | 16809 | 2855/ | 06116 | 82820 | 86360 | |
| Guernsey | 894 | 53022 | 81038 | 15709 | 32432 | 03220 | 83816 | 83075 | |
| Elmdon | 534 | 43224 | 81028 | 09309 | 32542 | 51231 | 83828 | | |
| Cardington | 559 | 63018 | 70038 | 08008 | 685// | 01235 | 84825 | 85645 | |
| Wittering | 462 | 53319 | 83018 | 07409 | 51600 | 50237 | 85830 | | |
| Watnall | 354 | 53114 | 82037 | 08308 | 52531 | 01238 | 85826 | | |
| Shawbury | 414 | 53120 | 82011 | 10009 | 18541 | 03123 | 81826 | 85364 | |
| Finningley | 360 | 53014 | 82018 | 06709 | 58500 | 01133 | 84828 | | |
| Spurn Point | 396 | 73219 | 80025 | 05807 | 785// | 02240 | 83820 | 87630 | |
| Leeming | 257 | 73216 | 89038 | 06609 | 786// | 01136 | 81830 | 87640 | |
| Tynemouth | 262 | 53518 | 80028 | 06006 | 43630 | 02234 | 84930 | | |
| Carlisle | 222 | 52911 | 84031 | 06610 | 48532 | 01119 | 83828 | 83072 | |
| Valley | 302 | 62816 | 75011 | 11608 | 1847/ | 05118 | 81815 | 86365 | |
| Ringway | 334 | 73015 | 80022 | 08808 | 42552 | 01232 | 84822 | 84365 | |
| Squires Gate | 318 | 72915 | 75031 | 09007 | 18452 | 05128 | 81818 | 87362 | |
| Ronaldsway | 204 | 62710 | 81021 | 09608 | 28446 | 03321 | 82819 | 83360 | 85273 |
| Mull of Galloway | 131 | 52712 | 80031 | 08607 | 28530 | 05213 | 81820 | 85360 | |
| Eskdalemuir | 162 | 43010 | 85030 | 06308 | 22606 | 51126 | 82830 | 83075 | |
| Prestwick | 135 | 72908 | 82021 | 06608 | 12572 | 01008 | 81825 | 86365 | |
| Abbotsinch | 140 | 62510 | 82031 | 05709 | 28532 | 03008 | 82827 | 84365 | 85075 |
| Leuchars | 171 | 52710 | 86031 | 04410 | 32602 | 51111 | 83830 | | |
| Dyce | 091 | 62809 | 89018 | 03009 | 52503 | 02110 | 85828 | | |
| Lerwick | 005 | 32713 | 75030 | 97907 | 38400 | 02111 | 83815 | | |
| Wick | 075 | 72811 | 83031 | 01007 | 624/1 | 02002 | 86818 | 83070 | |
| Sule Skerry | 010 | 32514 | 74018 | 00308 | 12560 | 05001 | 81820 | | |
| Cape Wrath | 049 | 52315 | 82031 | 00107 | 22501 | 04804 | 82820 | 85070 | |
| Stornoway | 026 | 72017 | 80801 | 00607 | 58432 | 04814 | 83818 | 83635 | 86362 |
| Benbecula | 022 | 71914 | 80011 | 01108 | 48406 | 06716 | 81817 | 84630 | 87270 |
| Tiree | 100 | 72316 | 80011 | 03808 | 38536 | 04710 | 81822 | 87275 | |
| Aldergrove | 917 | 72410 | 80038 | 08109 | 785// | 03002 | 82825 | 87656 | |
| Malin | 980 | 82213 | 82218 | 06208 | 3567/ | 02809 | 83640 | 88459 | |
| Belmullet | 976 | 82216 | 58106 | 07010 | 864// | 08718 | 83711 | 84717 | 88640 |
| Birr | 965 | 82108 | 70035 | 11008 | 863// | 05806 | 87708 | 88630 | |
| Dublin | 969 | 82513 | 80031 | 10608 | 35577 | 02103 | 83628 | 85460 | 88270 |
| Shannon | 962 | 82614 | 60206 | 12111 | 6647/ | 09806 | 81710 | 84716 | 85650 |
| Roches Point | 952 | 82314 | 56606 | 13910 | 864// | 08802 | 86713 | 88630 | |
| Valentia | 953 | 82815 | 40586 | 14309 | 864// | 08803 | 88710 | | |

## OBSERVATIONS at 18h. 24 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72611 | 81022 | 13907 | 35776 | 02210 | 83656 | 83359 | 87275 |
| Hurn | 862 | 72711 | 80021 | 14409 | 5562/ | 02108 | 83640 | 84650 | 87459 |
| Manston | 797 | 62705 | 80036 | 12508 | 18642 | 03219 | 81840 | 86072 | |
| Gatwick | 776 | 72812 | 82031 | 13109 | 14656 | 01214 | 81835 | 83365 | 86080 |
| Kew | 775 | 72709 | 82032 | 12510 | 14656 | 00211 | 81835 | 87275 | |
| Heathrow | 772 | 72608 | 82032 | 12409 | 14656 | 03110 | 81640 | 83365 | |
| Honington | 586 | 72507 | 81036 | 10908 | 34634 | 02215 | 83635 | 86080 | |
| Wattisham | 590 | 72711 | 80031 | 11108 | 34634 | 01214 | 82830 | 86078 | |
| Gorleston | 497 | 32402 | 66011 | 11108 | 35600 | 02220 | 83630 | | |
| Aberporth | 502 | 82114 | 62606 | 11008 | 6532/ | 07719 | 81708 | 86640 | 88458 |
| Filton | 628 | 82610 | 70031 | 13907 | 2577/ | 04304 | 82656 | 88460 | |
| Rhoose | 715 | 82309 | 50506 | 13407 | 853// | 05604 | 81709 | 86612 | 88622 |
| Hartland Point | 703 | 82725 | 62021 | 14008 | 853// | 07712 | 83708 | 88620 | |
| Mount Batten | 827 | 82713 | 60026 | 15810 | 5562/ | 07504 | 85630 | 88459 | |
| St.Mawgan | 817 | 82620 | 56056 | 15709 | 852// | 07704 | 84705 | 88645 | |
| Scilly | 804 | 82823 | 58505 | 17210 | 854// | 08703 | 88618 | | |
| Culdrose | 809 | 82713 | 58026 | 16909 | 853// | 09601 | 85707 | 88630 | |
| Guernsey | 894 | 82518 | 62216 | 18108 | 852// | 07105 | 86703 | 87610 | |
| Elmdon | 534 | 72712 | 80021 | 11209 | 5567/ | 51304 | 82640 | 84650 | 87362 |
| Cardington | 559 | 72607 | 75032 | 11409 | 15656 | 02307 | 81645 | 83362 | 87275 |
| Wittering | 462 | 72806 | 80031 | 10608 | 30956 | 03108 | 83364 | 86275 | |
| Watnall | 354 | 72406 | 70032 | 10308 | 15756 | 02000 | 81650 | 87270 | |
| Shawbury | 414 | 82412 | 81142 | 10508 | 54477 | 03803 | 81618 | 83626 | 87362 |
| Finningley | 360 | 72407 | 75031 | 09208 | 14658 | 01304 | 81640 | 84365 | 87270 |
| Spurn Point | 396 | 81408 | 65032 | 09206 | 5857/ | 04210 | 85620 | 88360 | |
| Leeming | 257 | 82409 | 84032 | 07508 | 1167/ | 01702 | 81830 | 85365 | 88468 |
| Tynemouth | 262 | 72808 | 80022 | 05709 | 2557/ | 51813 | 82625 | 87358 | |
| Carlisle | 222 | 82514 | 70612 | 06006 | 1542/ | 03710 | 81618 | 88556 | |
| Valley | 302 | 81921 | 62216 | 08807 | 872// | 07724 | 82703 | 86706 | 88710 |
| Ringway | 334 | 82508 | 62602 | 09508 | 35674 | 02608 | 83640 | 88460 | |
| Squires Gate | 318 | 82313 | 75212 | 08507 | 885// | 04715 | 81820 | 88650 | |
| Ronaldsway | 204 | 82120 | 65212 | 06007 | 7532/ | 06732 | 82708 | 84626 | 87650 |
| Mull of Galloway | 131 | 82128 | 78216 | 03806 | 854// | 06739 | 83710 | 88625 | |
| Eskdalemuir | 162 | 82015 | 58636 | 05104 | 6542/ | 03611 | 82712 | 86625 | 88459 |
| Prestwick | 135 | 82220 | 63216 | 01706 | 6542/ | 04839 | 81715 | 83618 | 86620 |
| Abbotsinch | 140 | 82014 | 65616 | 01206 | 7542/ | 03835 | 81710 | 83712 | 86616 |
| Leuchars | 171 | 82115 | 70602 | 01406 | 4552/ | 03723 | 84620 | 88459 | |
| Dyce | 091 | 81918 | 84151 | 99008 | 1567/ | 50731 | 81630 | 83360 | 88462 |
| Lerwick | 005 | 42209 | 75031 | 95905 | 18434 | 03712 | 81815 | 84068 | |
| Wick | 075 | 81814 | 80602 | 95907 | 8097/ | 02737 | 82359 | 88464 | |
| Sule Skerry | 010 | 81420 | 62616 | 93907 | 875// | 03748 | 88720 | | |
| Cape Wrath | 049 | 82317 | 63616 | 92505 | 874// | 04743 | 88715 | | |
| Stornoway | 026 | 81932 | 60638 | 89806 | 7532/ | 05769 | 82706 | 87612 | 88528 |
| Benbecula | 022 | 82230 | 65606 | 90407 | 5527/ | 07651 | 81704 | 83708 | 85625 |
| Tiree | 100 | 82130 | 50636 | 93608 | 7622/ | 08761 | 87704 | 88520 | |
| Aldergrove | 917 | 82016 | 56216 | 02408 | 7527/ | 07738 | 82703 | 84708 | 86615 |
| Malin | 980 | 82228 | 58636 | 99709 | 7632/ | 08644 | 83709 | 87714 | 88550 |
| Belmullet | 976 | 62318 | 62215 | 02609 | 663// | 07510 | 81709 | 83715 | |
| Birr | 965 | 82315 | 60606 | 07009 | 864// | 08724 | 87710 | 88628 | |
| Dublin | 969 | 82216 | 62516 | 05810 | 5542/ | 00728 | 83713 | 85624 | 88459 |
| Shannon | 962 | 82525 | 65586 | 08209 | 6732/ | 09623 | 82707 | 86712 | 88520 |
| Roches Point | 952 | 82324 | 65216 | 11510 | 7647/ | 08810 | 87713 | 88459 | |
| Valentia | 953 | 72320 | 56616 | 11610 | 764// | 09612 | 86714 | 87630 | |

## OBSERVATIONS during DAY

| Station | iii | RRT×TE | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97111 | 075 | + | $d_o$ |
| Hurn | 862 | 00121 | 068 | + | + |
| Manston | 797 | 01101 | 046 | $r_opr_or_or_o$ | + |
| Gatwick | 776 | 97111 | 054 | $pr_o$ | + |
| Kew | 775 | 97121 | 055 | $pr_o$ | + |
| Heathrow | 772 | 97121 | 045 | $pr_o$ | + |
| Honington | 586 | 92101 | 032 | $d_or_orir_o$ | + |
| Wattisham | 590 | 92091 | 023 | $r_opr_od_or_o$ | + |
| Gorleston | 497 | | 050 | | |
| Aberporth | 502 | 92081 | 032 | + | $r_or_oir_o$ |
| Filton | 628 | 97111 | 064 | + | $r_o$ |
| Rhoose | 715 | 95111 | 062 | + | $ir_od_o$-$d_or_odr$ |
| Hartland Point | 703 | 00090 | 048 | | |
| Mount Batten | 827 | 97111 | 059 | $r_o$ | $r_o$ |
| St.Mawgan | 817 | 94091 | 032 | $r_o$ | $d_or_o$ |
| Scilly | 804 | 92111 | 016 | $id_o$ | $id_o$ |
| Culdrose | 809 | 91101 | 018 | $ir_oid_o$ | $ir_o$ |
| Guernsey | 894 | 97101 | 064 | + | $ir_o$ |
| Elmdon | 534 | 00111 | 059 | + | + |
| Cardington | 559 | 00111 | 053 | + | + |
| Wittering | 462 | 97111 | 050 | $pr_o$ | $r_o$ |
| Watnall | 354 | 00101 | 077 | + | + |
| Shawbury | 414 | 97111 | 083 | + | $r_o$ |
| Finningley | 360 | 97111 | 048 | $pr_o$ | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00101 | 048 | + | + |
| Tynemouth | 262 | 92091 | 043 | pr | + |
| Carlisle | 222 | 02111 | 067 | + | $r_or$ |
| Valley | 302 | 91091 | 026 | + | $ir_or_or_o$ |
| Ringway | 334 | 97091 | 055 | + | $r_o$ |
| Squires Gate | 318 | 94081 | 063 | + | $r_or$ |
| Ronaldsway | 204 | 96091 | 026 | $r_o$ | $r_or_od_or_o$ |
| Mull of Galloway | 131 | 01081 | | | |
| Eskdalemuir | 162 | 05091 | 058 | + | $r_orr$ |
| Prestwick | 135 | 02091 | 036 | + | $pr_or_or_orr$ |
| Abbotsinch | 140 | 06092 | 046 | + | $r_or_oRrr$ |
| Leuchars | 171 | 01111 | 079 | + | $r_orr_or_o$ |
| Dyce | 091 | 01111 | 072 | + | $r_or$ |
| Lerwick | 005 | 00080 | 093 | + | + |
| Wick | 075 | 04112 | 060 | + | $ir_orr$ |
| Sule Skerry | 010 | 05082 | | | |
| Cape Wrath | 049 | 02072 | 064 | + | $r_or_orr$ |
| Stornoway | 026 | 08081 | 039 | $pr_o$ | $r_oRRpr_o$ |
| Benbecula | 022 | 08081 | 020 | $r_or_or$ | $rrir_opr_o$ |
| Tiree | 100 | 07091 | 020 | $d_or_or$ | $r_orrRpr_o$ |
| Aldergrove | 917 | 01091 | 035 | $ir_o$ | $ir_or_or_or$ |
| Malin | 980 | 02 | | | |
| Belmullet | 976 | 01 | | | |
| Birr | 965 | 91 | | | |
| Dublin | 969 | 92 | | | |
| Shannon | 962 | 01 | | | |
| Roches Point | 952 | 97 | | | |
| Valentia | 953 | 02 | | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

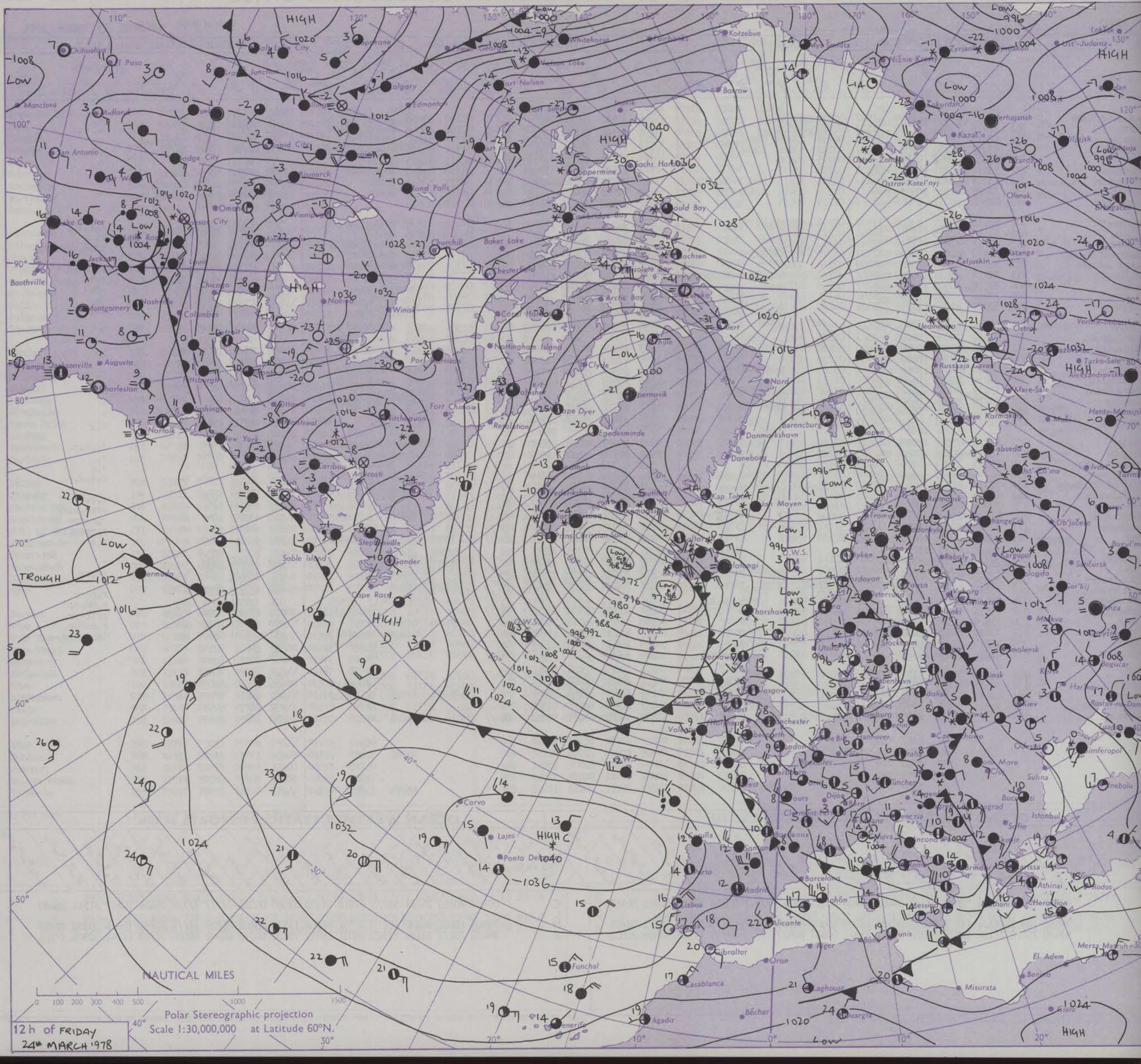
| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLIMR | 99527 | 70355 | 24121 | 52618 | 97268 | 09402 | 53400 | 00211 | ///// | ///// | 05754 | 10627 | 31011 | 26417 |
| | 99660 | 10012 | 24124 | 11107 | 98021 | 98302 | 15500 | 00000 | 81625 | ///// | 0//53 | 10629 | 30202 | 99/05 |
| | 99470 | 70172 | 24124 | 82626 | 97022 | 28311 | 855// | 00807 | 88623 | ///// | 0//09 | 11129 | 30806 | 31003 |

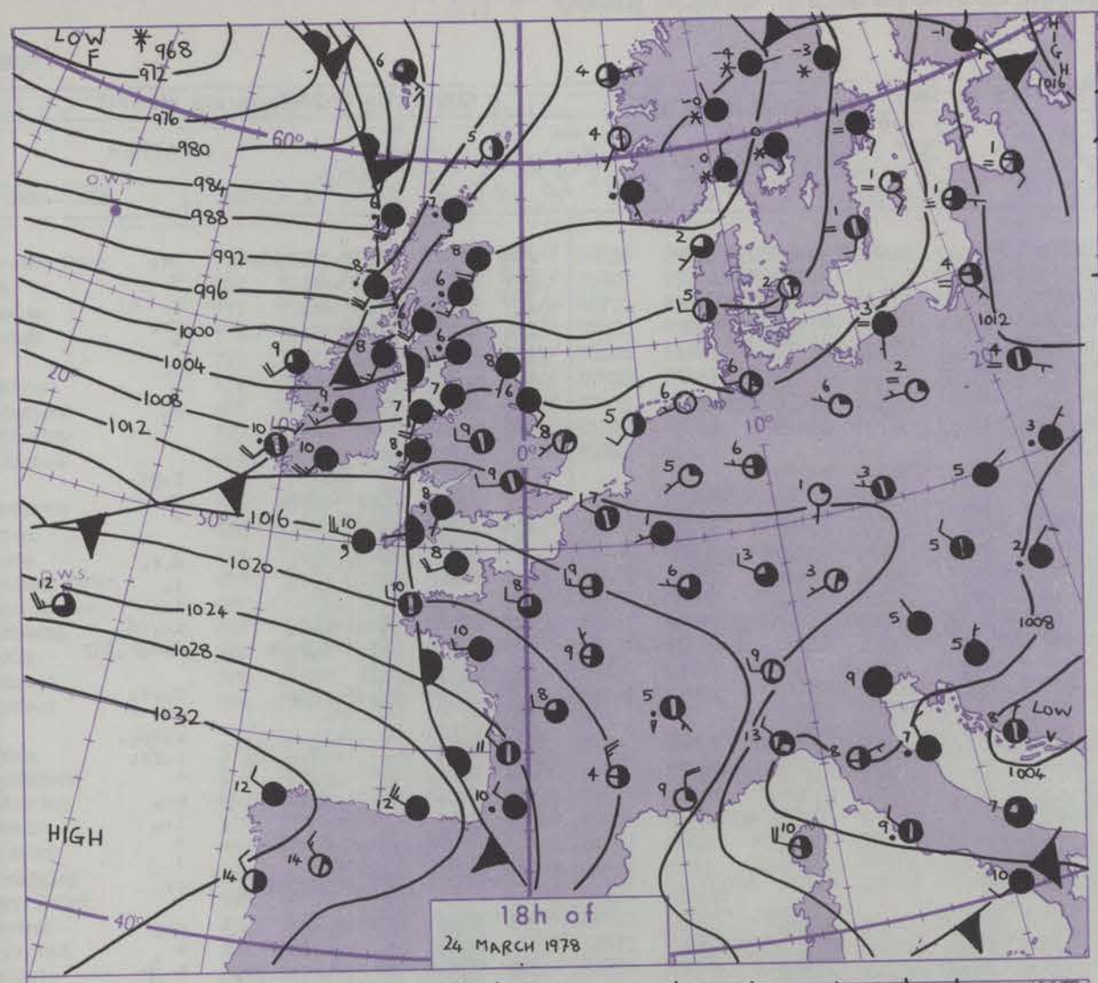
## OCEAN WEATHER STATION REPORTS at 18h.

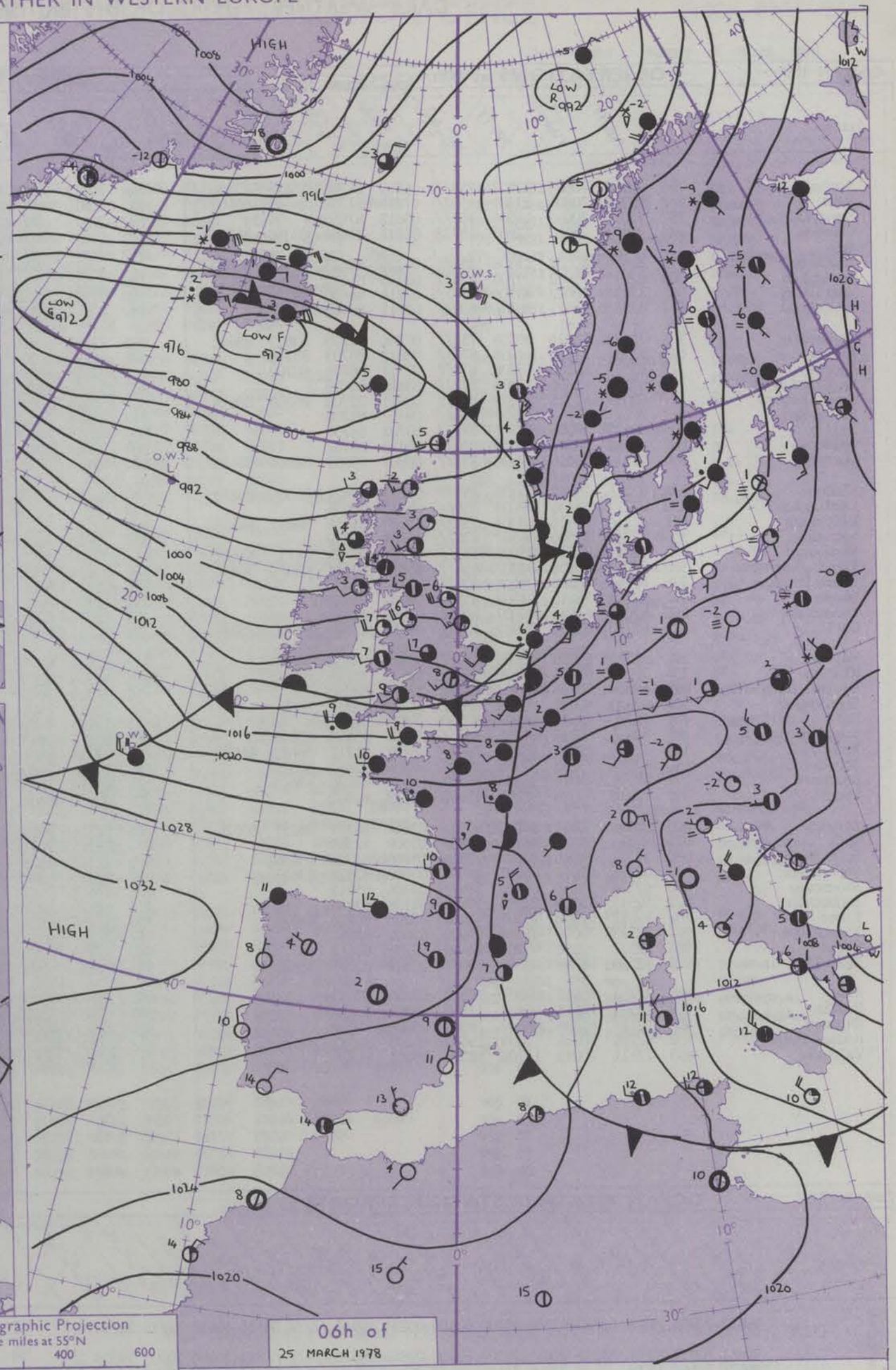
| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLIMR | 99527 | 70355 | 24181 | 52723 | 97018 | 11150 | 52500 | 00324 | ///// | ///// | 06454 | 10617 | 31214 | 26420 |
| | 99660 | 10012 | 24184 | 11110 | 97031 | 98102 | 11530 | 00602 | 81820 | ///// | 0//51 | 10615 | 30202 | 99/03 |
| | 99470 | 70172 | 24184 | 62525 | 98031 | 25012 | 25602 | 00717 | 82640 | 86070 | 0//09 | 11142 | 30906 | ///// |

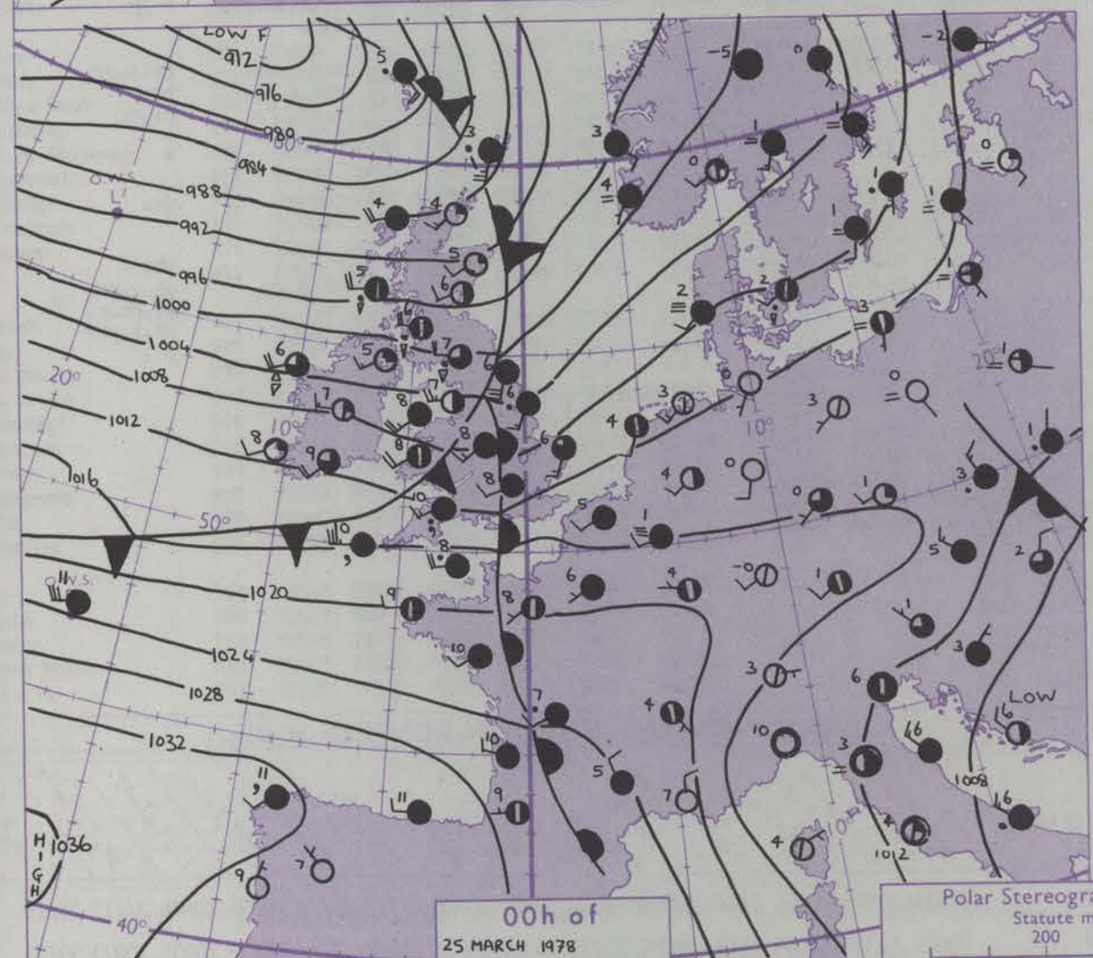
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday SATURDAY 25 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours a deep complex low has remained slow-moving just south of Iceland. Associated frontal troughs moved east across all but the southeast of the British Isles. Pressure remained high near the Azores leaving Britain and Ireland covered by a strong westerly airflow.

During the next 24 hours the depression near Iceland is expected to move slowly east, while the British Isles remains under the influence of a strong westerly airflow.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

## Code FM 11.V — OBSERVATIONS at 00h. 25 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72212 | 70605 | 12207 | 753// | 06813 | 84708 | 85618 | 87656 |
| Hurn | 862 | 82312 | 70205 | 13309 | 4532/ | 07714 | 81708 | 84640 | 88462 |
| Manston | 797 | 72010 | 70022 | 12506 | 757// | 03812 | 87656 | | |
| Gatwick | 776 | 72311 | 75012 | 12907 | 15778 | 05712 | 81656 | 83360 | 86365 |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82408 | 80032 | 11608 | 854// | 06714 | 81618 | 83624 | 88650 |
| Honington | 586 | 82011 | 75012 | 09706 | 45537 | 03716 | 84620 | 83362 | 88272 |
| Wattisham | 590 | 82114 | 70022 | 10706 | 6577/ | 02714 | 86650 | 88360 | |
| Gorleston | 497 | 62013 | 66021 | 10106 | 6092/ | 02715 | 86460 | | |
| Aberporth | 502 | 72422 | 65026 | 09608 | 752// | 07706 | 81705 | 83625 | 85640 |
| Filton | 628 | 82517 | 35516 | 11608 | 872// | 08812 | 86703 | 88706 | |
| Rhoose | 715 | 82517 | 40586 | 10908 | 870// | 07717 | 86701 | 88702 | |
| Hartland Point | 703 | 82524 | 62606 | 12508 | 872// | 08810 | 88703 | | |
| Mount Batten | 827 | 82517 | 40516 | 14809 | 852// | 08611 | 82703 | 86706 | 88616 |
| St.Mawgan | 817 | 82621 | 09446 | 15109 | 870// | 09707 | 88700 | | |
| Scilly | 804 | 82623 | 50505 | 16510 | 872// | 09703 | 88704 | | |
| Culdrose | 809 | 82718 | 50506 | 15909 | 870// | 09710 | 88701 | | |
| Guernsey | 894 | 82619 | 56616 | 17808 | 852// | 08807 | 83705 | 86708 | 88617 |
| Elmdon | 534 | 82316 | 75212 | 08108 | 25537 | 05723 | 82622 | 86364 | 88270 |
| Cardington | 559 | 82217 | 66606 | 09607 | 856// | 05718 | 88638 | | |
| Wittering | 462 | 82214 | 70606 | 08007 | 6542/ | 05820 | 81710 | 86640 | 88459 |
| Watnall | 354 | 82112 | 58506 | 06507 | 874// | 05728 | 88710 | | |
| Shawbury | 414 | 72313 | 80216 | 07008 | 753// | 07715 | 82709 | 84712 | 87625 |
| Finningley | 360 | 82018 | 70606 | 04207 | 854// | 05834 | 82615 | 85624 | 88630 |
| Spurn Point | 396 | 82017 | 70606 | 05106 | 8097/ | 04732 | 88460 | | |
| Leeming | 257 | 62218 | 75216 | 01509 | 655// | 06634 | 86620 | | |
| Tynemouth | 262 | 82017 | 61636 | 99607 | 8062/ | 05736 | 88532 | | |
| Carlisle | 222 | 62720 | 65806 | 99907 | 48432 | 06511 | 81710 | 83815 | 85072 |
| Valley | 302 | 82324 | 63036 | 06308 | 855// | 08707 | 84626 | 88640 | |
| Ringway | 334 | 72213 | 63216 | 05108 | 754// | 07623 | 85716 | 87640 | |
| Squires Gate | 318 | 42624 | 70216 | 03907 | 38402 | 07716 | 83818 | | |
| Ronaldsway | 204 | 62620 | 80036 | 03408 | 684// | 04301 | 82818 | 86645 | |
| Mull of Galloway | 131 | 22730 | 80016 | 01607 | 22500 | 04120 | 82825 | | |
| Eskdalemuir | 162 | 62416 | 70016 | 99205 | 684// | 02506 | 85818 | 83630 | |
| Prestwick | 135 | 72718 | 62806 | 98506 | 784// | 05702 | 81712 | 84818 | 86630 |
| Abbotsinch | 140 | 42514 | 75258 | 97205 | 28432 | 02204 | 82817 | 83078 | |
| Leuchars | 171 | 42511 | 75016 | 94606 | 35502 | 02517 | 81620 | 83645 | |
| Dyce | 091 | 22310 | 82016 | 92305 | 15630 | 03623 | 81640 | | |
| Lerwick | 005 | 81826 | 60611 | 87603 | 6732/ | 03644 | 84707 | 86711 | 88518 |
| Wick | 075 | 22315 | 82016 | 89104 | 20930 | 03509 | 82359 | | |
| Sule Skerry | 010 | 52527 | 74016 | 87007 | 3251/ | 05708 | 83820 | 85458 | |
| Cape Wrath | 049 | 32726 | 82016 | 86905 | 38500 | 03305 | 82820 | 83625 | |
| Stornoway | 026 | 62519 | 70258 | 89604 | 694// | 03306 | 85915 | | |
| Benbecula | 022 | 52515 | 75258 | 91806 | 59400 | 04108 | 83914 | | |
| Tiree | 100 | 72622 | 62808 | 95505 | 43402 | 03208 | 84916 | 86070 | |
| Aldergrove | 917 | 22513 | 70016 | 02005 | 25600 | 02004 | 82640 | | |
| Malin | 980 | 22527 | 72256 | 99206 | 28400 | 02106 | 81818 | | |
| Belmullet | 976 | 62520 | 66898 | 03806 | 694// | 02801 | 82717 | 85920 | |
| Birr | 965 | 32713 | 75018 | 07307 | 25602 | 03204 | 82633 | | |
| Dublin | 969 | 12523 | 70215 | 04607 | 12500 | 03303 | 81820 | | |
| Shannon | 962 | 12714 | 65256 | 08607 | 18500 | 05008 | 81823 | | |
| Roches Point | 952 | 62218 | 70036 | 11009 | 25602 | 06203 | 82637 | 85072 | |
| Valentia | 953 | 22511 | 70018 | 11708 | 28500 | 05001 | 81820 | | |

## OBSERVATIONS at 06h. 25 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72412 | 70036 | 10907 | 784// | 05400 | 82815 | 86630 | |
| Hurn | 862 | 52410 | 75032 | 11908 | 48530 | 07701 | 81820 | 84645 | |
| Manston | 797 | 72313 | 65036 | 09807 | 16331 | 07504 | 81708 | 86075 | |
| Gatwick | 776 | 62517 | 75016 | 10808 | 55401 | 06301 | 81614 | 85618 | |
| Kew | 775 | 32412 | 78021 | 09709 | 11531 | 06502 | 81820 | 83075 | |
| Heathrow | 772 | 32413 | 70016 | 09608 | 15531 | 06501 | 81620 | | |
| Honington | 586 | 22515 | 72016 | 06908 | 12402 | 05502 | 81710 | | |
| Wattisham | 590 | 72517 | 75216 | 07807 | 784// | 05503 | 82816 | 87650 | |
| Gorleston | 497 | 82218 | 66022 | 06607 | 856// | 05703 | 88630 | | |
| Aberporth | 502 | 72512 | 60031 | 09207 | 756// | 06705 | 87640 | | |
| Filton | 628 | 52715 | 57215 | 10608 | 37341 | 06501 | 82707 | 83072 | |
| Rhoose | 715 | 72518 | 48106 | 10208 | 762/1 | 07503 | 87703 | | |
| Hartland Point | 703 | 82730 | 64026 | 11508 | 864// | 08709 | 88712 | | |
| Mount Batten | 827 | 62516 | 57055 | 13309 | 68440 | 07709 | 82818 | 86630 | |
| St.Mawgan | 817 | 82418 | 57104 | 13509 | 862// | 08609 | 88703 | | |
| Scilly | 804 | 82619 | 40606 | 14509 | 872// | 09709 | 88704 | | |
| Culdrose | 809 | 82618 | 57105 | 14409 | 853// | 09807 | 83707 | 88622 | |
| Guernsey | 894 | 82618 | 23586 | 16709 | 870// | 09301 | 82700 | 85701 | 87702 |
| Elmdon | 534 | 62809 | 75036 | 07307 | 685// | 02004 | 86828 | | |
| Cardington | 559 | 32313 | 58056 | 08007 | 35632 | 06304 | 83640 | | |
| Wittering | 462 | 12509 | 82026 | 06806 | 18500 | 03308 | 81820 | | |
| Watnall | 354 | 12614 | 70016 | 06006 | 15600 | 01211 | 81645 | | |
| Shawbury | 414 | 32407 | 72156 | 07005 | 33400 | 03801 | 81915 | 83822 | |
| Finningley | 360 | 12614 | 75018 | 04607 | 12500 | 01310 | 81825 | | |
| Spurn Point | 396 | 32514 | 66016 | 04107 | 25670 | 03309 | 82630 | 83360 | |
| Leeming | 257 | 12720 | 80028 | 01806 | 18500 | 01301 | 81820 | | |
| Tynemouth | 262 | 12718 | 69026 | 99105 | 10940 | 01602 | 813// | | |
| Carlisle | 222 | 72715 | 75038 | 00905 | 784// | 03302 | 85816 | 87635 | |
| Valley | 302 | 22622 | 68258 | 06607 | 28400 | 05806 | 82818 | | |
| Ringway | 334 | 62514 | 80036 | 05606 | 685// | 01005 | 81822 | 85628 | |
| Squires Gate | 318 | 22620 | 70038 | 04306 | 28500 | 04202 | 81820 | | |
| Ronaldsway | 204 | 32618 | 75011 | 03706 | 38400 | 02500 | 82818 | 83656 | |
| Mull of Galloway | 131 | 12725 | 81010 | 01705 | 15600 | 02601 | 81630 | | |
| Eskdalemuir | 162 | 82314 | 60838 | 99803 | 894// | 01301 | 88916 | | |
| Prestwick | 135 | 72718 | 65018 | 99304 | 784// | 03302 | 83818 | 85635 | |
| Abbotsinch | 140 | 72408 | 58808 | 97704 | 793// | 03101 | 82707 | 83912 | 86817 |
| Leuchars | 171 | 42416 | 75030 | 95303 | 18542 | 01004 | 81820 | 83075 | |
| Dyce | 091 | 22410 | 86010 | 93003 | 18542 | 51004 | 81825 | | |
| Lerwick | 005 | 52516 | 70256 | 84105 | 38441 | 03301 | 82710 | | |
| Wick | 075 | 22515 | 81031 | 89502 | 15670 | 01003 | 81645 | | |
| Sule Skerry | 010 | 32723 | 80028 | 87406 | 33500 | 05301 | 83920 | | |
| Cape Wrath | 049 | 62926 | 63908 | 88104 | 634// | 02205 | 86915 | | |
| Stornoway | 026 | 62612 | 66152 | 90603 | 59460 | 01204 | 84914 | 83640 | |
| Benbecula | 022 | 62526 | 70878 | 92205 | 694// | 04400 | 86912 | | |
| Tiree | 100 | 62618 | 65878 | 95404 | 634// | 02501 | 82915 | 84920 | |
| Aldergrove | 917 | 22311 | 70018 | 01903 | 28400 | 01802 | 81816 | | |
| Malin | 980 | 62218 | 70278 | 99004 | 634// | 03704 | 86918 | | |
| Belmullet | 976 | 82314 | 66608 | 00706 | 56477 | 02723 | 83717 | 85638 | 86460 |
| Birr | 965 | 32106 | 66038 | 05204 | 38500 | 02815 | 81820 | | |
| Dublin | 969 | 12310 | 70018 | 04605 | 16400 | 02707 | 81719 | | |
| Shannon | 962 | 32311 | 65031 | 05506 | 35700 | 03725 | 83650 | | |
| Roches Point | 952 | 12107 | 70021 | 08206 | 15600 | 05820 | 81640 | | |
| Valentia | 953 | 82310 | 56818 | 06707 | 824// | 06738 | 88816 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 93071 | 05 | $d_oid_or_od_or_o$ | $pr_o$ |
| Hurn | 862 | 97081 | 05 | $d_o$ | + |
| Manston | 797 | 97041 | 02 | $r_o$ | $r_o$ |
| Gatwick | 776 | 95061 | 04 | $r_o$ | $pr_o$ |
| Kew | 775 | 00071 | 05 | + | + |
| Heathrow | 772 | 97071 | 05 | $r_o$ | $r_o$ |
| Honington | 586 | 97051 | 01 | $r_o$ | + |
| Wattisham | 590 | 97051 | 00 | $r_o$ | $r_o$ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 01051 | 05 | $ir_o$ | $r_opr_o$ |
| Filton | 628 | 92071 | 05 | $ir_od_od_o$ | $r_o$ |
| Rhoose | 715 | 95071 | 06 | $r_od_or_od_or_o$ | + |
| Hartland Point | 703 | 91081 | 07 | | |
| Mount Batten | 827 | 94081 | 07 | $r_od_or_o$ | $d_or_o$ |
| St.Mawgan | 817 | 01081 | 08 | $d_or_off$ | $r_o$ |
| Scilly | 804 | 96091 | 07 | $id_o$ | $ir_o$ |
| Culdrose | 809 | 02091 | 08 | $ir_oid_o$ | $ir_oid_o$ |
| Guernsey | 894 | 01081 | 08 | $irr_or_odr$ | $drd_or_ofdr$ |
| Elmdon | 534 | 97061 | 02 | $r_o - r_o$ | $r_opr_o$ |
| Cardington | 559 | 97061 | 03 | $ir_o$ | + |
| Wittering | 462 | 94051 | 03 | $r_or_o$ | $r_orpr_o$ |
| Watnall | 354 | 93051 | 02 | $ir_od_or_oid_o$ | $r_orr_o$ |
| Shawbury | 414 | 94041 | 50 | $r_or_or$ | + |
| Finningley | 360 | 97061 | 03 | $ir_opr_o$ | $pr_o$ |
| Spurn Point | 396 | | | $ir_o$ | $ir_o$ |
| Leeming | 257 | 91061 | 03 | $r_or_opr_o$ | + |
| Tynemouth | 262 | 04051 | 03 | rr | + |
| Carlisle | 222 | 03051 | 03 | $rr_opr_opr$ | $pr_o$ |
| Valley | 302 | 01061 | 03 | $ir_opR$ | $pr_o$ |
| Ringway | 334 | 02051 | 04 | $r_or_orR$ | + |
| Squires Gate | 318 | 01051 | 04 | $rr_or_oir_opr_o$ | JP |
| Ronaldsway | 204 | 97051 | 03 | $d_or_o$ | + |
| Mull of Galloway | 131 | 92041 | | | |
| Eskdalemuir | 162 | 09011 | 50 | $rrr_oRrpr_o$ | $pr_os_opr_o$ |
| Prestwick | 135 | 03031 | 02 | $rrr_or_opr_o$ | $pr_o$ |
| Abbotsinch | 140 | 02031 | 01 | $r_opr_o$ | $pr_opr$ |
| Leuchars | 171 | 01031 | 01 | $r_or_or$ | + |
| Dyce | 091 | 92031 | 00 | $r_o$ | + |
| Lerwick | 005 | 06031 | 02 | $r_or_orr$ | $pr_o$ |
| Wick | 075 | 92021 | 01 | $ir_o$ | + |
| Sule Skerry | 010 | 02042 | 02 | | |
| Cape Wrath | 049 | 02022 | 01 | + | phr |
| Stornoway | 026 | 02021 | 01 | $pr_ophr_o$ | $ph_or_opr_o$ |
| Benbecula | 022 | 94041 | 02 | $pr_o$ | $pr_ophr_o$ |
| Tiree | 100 | 01031 | 01 | $pr_opr$ | $ph_or_ophr$ |
| Aldergrove | 917 | 97021 | 01 | + | $pr_o$ |
| Malin | 980 | 02 | | | |
| Belmullet | 976 | 01 | | | |
| Birr | 965 | 02 | | | |
| Dublin | 969 | 02 | | | |
| Shannon | 962 | 91 | | | |
| Roches Point | 952 | 97 | | | |
| Valentia | 953 | 03 | | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 25001 | 62722 | 97038 | 16700 | 63400 | 00234 | 84913 | ///// | 06155 | 10628 | 3//12 | 26/19 |
| CLMR | 99661 | 10010 | 25004 | 61315 | 98031 | 94603 | 65500 | 00814 | 86620 | ///// | 0//51 | 10498 | 30302 | 99/03 |
| CLMR | 99471 | 70168 | 25004 | 82528 | 97206 | 23411 | 854// | 00714 | 88610 | ///// | 0//11 | 11136 | 30907 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 25061 | 52821 | 97268 | 18000 | 53400 | 00316 | ///// | ///// | 06154 | 10626 | 3//12 | 26/19 |
| CLMR | 99662 | 10007 | 25064 | 51120 | 98031 | 91203 | 55530 | 00718 | 85625 | ///// | 0//50 | 10406 | 30403 | 99/03 |
| CLMR | 99470 | 70171 | 25064 | 82726 | 97205 | 21511 | 854// | 61504 | 88610 | ///// | 0//09 | 11140 | 30908 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42493

Date of Issue SUNDAY 26 MARCH 1978


## OBSERVATIONS at 12h. 25 MARCH 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72220 | 75028 | 06712 | 785// | 08836 | 84820 | 85645 | 87657 |
| Hurn | 862 | 72214 | 61608 | 08710 | 754// | 09829 | 85712 | 86620 | |
| Manston | 797 | 72414 | 66031 | 09212 | 784// | 06711 | 81818 | 87645 | |
| Gatwick | 776 | 72319 | 65028 | 09112 | 785// | 07820 | 83823 | 86657 | |
| Kew | 775 | 72313 | 75258 | 07511 | 4853/ | 06824 | 81825 | 84650 | 86360 |
| Heathrow | 772 | 72314 | 70258 | 07612 | 785// | 07826 | 81828 | 87650 | |
| Honington | 586 | 72318 | 82031 | 06011 | 786// | 02815 | 85830 | 86645 | |
| Wattisham | 590 | 72318 | 75031 | 06910 | 785// | 03812 | 85825 | 87650 | |
| Gorleston | 497 | 22222 | 66018 | 05711 | 21500 | 01816 | 82825 | | |
| Aberporth | 502 | 82427 | 58628 | 03407 | 6532/ | 05734 | 82708 | 86615 | 88550 |
| Filton | 628 | 82518 | 60622 | 05711 | 854// | 07839 | 84615 | 88625 | |
| Rhoose | 715 | 72417 | 63256 | 05409 | 783// | 07836 | 81709 | 84814 | 87634 |
| Hartland Point | 703 | 72735 | 58216 | 06609 | 6523/ | 08629 | 84705 | 86645 | |
| Mount Batten | 827 | 72429 | 56056 | 09410 | 752// | 09730 | 84705 | 87630 | |
| St.Mawgan | 817 | 82426 | 40626 | 09309 | 6232/ | 09623 | 83706 | 86808 | 88550 |
| Scilly | 804 | 52631 | 60026 | 10711 | 22442 | 08718 | 82816 | | |
| Culdrose | 809 | 82522 | 50206 | 09910 | 852// | 09727 | 81704 | 83706 | 88610 |
| Guernsey | 894 | 82425 | 04586 | 14009 | 870// | 09818 | 88700 | | |
| Elmdon | 534 | 82111 | 64801 | 04009 | 6857/ | 03830 | 83827 | 84645 | 88360 |
| Cardington | 559 | 72311 | 60041 | 05711 | 3863/ | 04726 | 81830 | 83650 | 87359 |
| Wittering | 462 | 52416 | 82018 | 04311 | 48631 | 03827 | 82830 | 83650 | |
| Watnall | 354 | 72115 | 70031 | 03210 | 22506 | 03727 | 82826 | 87270 | |
| Shawbury | 414 | 82414 | 58811 | 02209 | 885// | 04838 | 86820 | 88645 | |
| Finningley | 360 | 52519 | 81038 | 01912 | 22605 | 00825 | 82837 | 84072 | |
| Spurn Point | 396 | 22522 | 68020 | 03110 | 21500 | 50711 | 82820 | | |
| Leeming | 257 | 62522 | 84038 | 99809 | 11504 | 00722 | 81825 | 86070 | |
| Tynemouth | 262 | 62622 | 81021 | 99009 | 21638 | 53603 | 82830 | 86275 | |
| Carlisle | 222 | 72513 | 75038 | 98907 | 2857/ | 02820 | 82824 | 87466 | |
| Valley | 302 | 72226 | 65216 | 00207 | 754// | 07845 | 81714 | 85620 | 87630 |
| Ringway | 334 | 82010 | 62601 | 01709 | 6452/ | 03837 | 83624 | 85640 | 88460 |
| Squires Gate | 318 | 82516 | 70601 | 00907 | 3567/ | 04830 | 83640 | 88459 | |
| Ronaldsway | 204 | 82114 | 58631 | 98506 | 854// | 04740 | 81712 | 84715 | 88619 |
| Mull of Galloway | 131 | 82325 | 80631 | 97904 | 5722/ | 03730 | 82705 | 85710 | 88458 |
| Eskdalemuir | 162 | 72019 | 70878 | 97605 | 794// | 01818 | 83918 | 84822 | |
| Prestwick | 135 | 82416 | 62602 | 96305 | 4542/ | 03722 | 82710 | 83622 | 88459 |
| Abbotsinch | 140 | 82714 | 57618 | 95903 | 883// | 02817 | 81706 | 85712 | 88650 |
| Leuchars | 171 | 72422 | 82031 | 94508 | 48502 | 51815 | 84824 | 86070 | |
| Dyce | 091 | 62412 | 84031 | 93009 | 32632 | 52803 | 83835 | 83360 | |
| Lerwick | 005 | 52718 | 70258 | 86305 | 39433 | 03314 | 83912 | | |
| Wick | 075 | 62518 | 80251 | 90208 | 32432 | 01803 | 83818 | 84070 | |
| Sule Skerry | 010 | 72522 | 80158 | 89706 | 5257/ | 03213 | 85820 | | |
| Cape Wrath | 049 | 52723 | 74158 | 89406 | 43403 | 03502 | 82915 | 84820 | |
| Stornoway | 026 | 72511 | 81258 | 90307 | 53460 | 01802 | 81915 | 84818 | |
| Benbecula | 022 | 71915 | 82158 | 90705 | 69463 | 03814 | 81712 | 85914 | |
| Tiree | 100 | 72222 | 62808 | 91906 | 794// | 04725 | 83914 | 84818 | |
| Aldergrove | 917 | 72014 | 80216 | 97305 | 57331 | 03728 | 82707 | 85712 | |
| Malin | 980 | 82327 | 60788 | 94703 | 4742/ | 02628 | 84715 | 88550 | |
| Belmullet | 976 | 62725 | 74276 | 99706 | 635// | 51316 | 85920 | | |
| Birr | 965 | 52512 | 81299 | 01705 | 535// | 03503 | 82920 | 84630 | |
| Dublin | 969 | 72423 | 82806 | 98708 | 785// | 03631 | 87820 | | |
| Shannon | 962 | 52826 | 75259 | 03808 | 52400 | 04311 | 82718 | 84824 | |
| Roches Point | 952 | 72623 | 60878 | 05208 | 794/2 | 04500 | 87915 | | |
| Valentia | 953 | 52826 | 70259 | 07308 | 58500 | 50214 | 84820 | | |

## OBSERVATIONS at 18h. 25 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32720 | 84258 | 05305 | 38500 | 01313 | 81820 | 83656 | |
| Hurn | 862 | 62817 | 70276 | 07205 | 694// | 03319 | 81715 | 81918 | 84640 |
| Manston | 797 | 72615 | 75256 | 02109 | 783// | 06519 | 81708 | 87645 | |
| Gatwick | 776 | 72618 | 82258 | 04207 | 785// | 03500 | 83824 | 87645 | |
| Kew | 775 | 72713 | 58278 | 03807 | 794// | 03314 | 82715 | 84920 | 85635 |
| Heathrow | 772 | 72919 | 62258 | 03705 | 4946/ | 04314 | 81810 | 83922 | 85358 |
| Honington | 586 | 62520 | 83028 | 99207 | 695// | 03522 | 81922 | 85645 | |
| Wattisham | 590 | 42524 | 84018 | 99607 | 48400 | 03616 | 81815 | 84645 | |
| Gorleston | 497 | 52515 | 66216 | 97908 | 55500 | 06740 | 85625 | | |
| Aberporth | 502 | 33030 | 81258 | 05304 | 39400 | 00114 | 82915 | | |
| Filton | 628 | 62719 | 75806 | 05406 | 5343/ | 03308 | 83915 | 83635 | |
| Rhoose | 715 | 32622 | 62258 | 06105 | 39431 | 50319 | 81815 | 81918 | |
| Hartland Point | 703 | 32930 | 74016 | 08306 | 22500 | 00215 | 82820 | | |
| Mount Batten | 827 | 22927 | 70028 | 10408 | 22500 | 02318 | 82822 | | |
| St.Mawgan | 817 | 22929 | 80028 | 10907 | 22500 | 01314 | 82821 | | |
| Scilly | 804 | 53032 | 80028 | 13408 | 52460 | 01221 | 84816 | | |
| Culdrose | 809 | 43023 | 70148 | 12307 | 38501 | 01322 | 82820 | | |
| Guernsey | 894 | 72926 | 80258 | 12307 | 7853/ | 05307 | 82820 | 86650 | |
| Elmdon | 534 | 22820 | 80019 | 01506 | 18503 | 53308 | 81828 | | |
| Cardington | 559 | 72517 | 70258 | 00806 | 49403 | 01307 | 83915 | 86075 | |
| Wittering | 462 | 52923 | 82028 | 99207 | 48530 | 03307 | 81822 | 83827 | |
| Watnall | 354 | 62716 | 70268 | 99804 | 59403 | 52009 | 84915 | 83825 | |
| Shawbury | 414 | 32721 | 81256 | 01406 | 22503 | 51318 | 82824 | 83070 | |
| Finningley | 360 | 32724 | 70258 | 97404 | 39400 | 50504 | 81918 | 83825 | |
| Spurn Point | 396 | 62621 | 70816 | 96005 | 59370 | 03520 | 85906 | 86360 | |
| Leeming | 257 | 72620 | 70258 | 95505 | 4947/ | 01510 | 81918 | 84625 | 85359 |
| Tynemouth | 262 | 82717 | 69022 | 94006 | 4357/ | 01715 | 84925 | 86358 | |
| Carlisle | 222 | 72713 | 70257 | 95704 | 6837/ | 02500 | 81708 | 83818 | 85645 |
| Valley | 302 | 62832 | 80278 | 02603 | 39402 | 02220 | 81916 | 83656 | 86075 |
| Ringway | 334 | 22921 | 72019 | 99805 | 29400 | 53315 | 81918 | | |
| Squires Gate | 318 | 32725 | 65158 | 99005 | 29463 | 51114 | 82915 | | |
| Ronaldsway | 204 | 72822 | 56157 | 99302 | 794// | 00214 | 83816 | 87920 | |
| Mull of Galloway | 131 | 73230 | 83277 | 97804 | 4357/ | 01217 | 84920 | 87360 | |
| Eskdalemuir | 162 | 72513 | 70267 | 94702 | 32432 | 51507 | 81712 | 83820 | 86070 |
| Prestwick | 135 | 72923 | 70256 | 94903 | 693/1 | 01307 | 81708 | 83924 | 85650 |
| Abbotsinch | 140 | 72512 | 15858 | 93403 | 793// | 01305 | 82706 | 86910 | |
| Leuchars | 171 | 72417 | 83278 | 91105 | 68462 | 01718 | 82710 | 83818 | 86630 |
| Dyce | 091 | 71905 | 80028 | 89605 | 38532 | 01619 | 82825 | 83362 | 85070 |
| Lerwick | 005 | 72616 | 60802 | 88004 | 634/3 | 01211 | 83912 | 83815 | |
| Wick | 075 | 73404 | 82158 | 88905 | 29432 | 02609 | 81915 | 86070 | |
| Sule Skerry | 010 | 82513 | 80878 | 89005 | 7257/ | 03705 | 87820 | | |
| Cape Wrath | 049 | 62322 | 80038 | 88404 | 39571 | 03302 | 83920 | 85359 | 86070 |
| Stornoway | 026 | 82616 | 65808 | 89004 | 883// | 02501 | 83708 | 88622 | |
| Benbecula | 022 | 72920 | 75278 | 90303 | 49463 | 02305 | 81710 | 83915 | |
| Tiree | 100 | 62824 | 64268 | 93103 | 39302 | 01319 | 81708 | 82916 | 84070 |
| Aldergrove | 917 | 72613 | 65268 | 98903 | 793// | 50214 | 83708 | 82914 | 85818 |
| Malin | 980 | 72527 | 80277 | 96403 | 694/3 | 50013 | 86918 | 84080 | |
| Belmullet | 976 | 72921 | 70968 | 01602 | 734// | 00309 | 83716 | 85920 | 85637 |
| Birr | 965 | 62612 | 81268 | 04903 | 33502 | 51016 | 83920 | 84070 | |
| Dublin | 969 | 52617 | 70238 | 02602 | 59500 | 00226 | 82820 | 83924 | 85645 |
| Shannon | 962 | 62824 | 70278 | 06903 | 695// | 01111 | 85820 | 83920 | |
| Roches Point | 952 | 62616 | 75258 | 09404 | 694/2 | 00218 | 86915 | | |
| Valentia | 953 | 22818 | 80278 | 09804 | 29500 | 01005 | 82922 | | |

## OBSERVATIONS during DAY

| Station | iii | RRT×T×E | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 94121 | 031 | pr. | pr. |
| Hurn | 862 | 03121 | 030 | pr.r.rR | pr.prph |
| Manston | 797 | 02131 | 052 | r | prpr.tl. |
| Gatwick | 776 | 05121 | 019 | pr.r.drd.r.R | pr.phr |
| Kew | 775 | 05131 | 020 | pr.rR | pr.~~phpprs~~ prpHRpRS |
| Heathrow | 772 | 06131 | 015 | pr.pr | prr.tlrs |
| Honington | 586 | 04121 | 044 | pr.rR | rr.pr. |
| Wattisham | 590 | 05121 | 046 | pr. | pr.prpR |
| Gorleston | 497 | | 061 | | |
| Aberporth | 502 | 02091 | 029 | r.Rrr.r.ir. | phrspr. |
| Filton | 628 | 04121 | 022 | rRr.pr. | pr.prspr. |
| Rhoose | 715 | 02111 | 022 | r.prpr.rr. | r.pr. |
| Hartland Point | 703 | 01090 | 033 | | |
| Mount Batten | 827 | 01111 | 039 | d.r.pr.pR | pr. |
| St.Mawgan | 817 | 03111 | 031 | r.Rpr | pr |
| Scilly | 804 | 01121 | 040 | r.r. | r.pr |
| Culdrose | 809 | 02110 | 031 | id.pr. | pr. |
| Guernsey | 894 | 01101 | 008 | drfd.r.ffd.d. | id.pr.phr |
| Elmdon | 534 | 02111 | 048 | pr.prtl.r | pr.l |
| Cardington | 559 | 03121 | 049 | pr.pr | prpr.pr |
| Wittering | 462 | 01121 | 047 | pr.prpr. | pr.prphrpr. |
| Watnall | 354 | 09111 | 041 | r.rR | r.pr.pr.s. |
| Shawbury | 414 | 03111 | 052 | prpr.rRr. | pr. |
| Finningley | 360 | 02131 | 060 | pr.r.r | r.pr.pr |
| Spurn Point | 396 | | | ir. | r.r. |
| Leeming | 257 | 97091 | 056 | pr.r. | pr. |
| Tynemouth | 262 | 97101 | 064 | + | pr. |
| Carlisle | 222 | 05081 | 021 | phpr.r.rr-rs | rspRprpr.s. |
| Valley | 302 | 02091 | 041 | r.rpr. | ph.r. |
| Ringway | 334 | 06091 | 039 | r.rr | tl.rr.Rpr. |
| Squires Gate | 318 | 02091 | 041 | r.rR | pr.pr.s. |
| Ronaldsway | 204 | 03081 | 031 | r.rrpr.prs | ph.ps.pr. |
| Mull of Galloway | 131 | 03071 | | | |
| Eskdalemuir | 162 | 06067 | 031 | ph.pr.pr.s.-s | s.-sh-sps.pS |
| Prestwick | 135 | 02071 | 021 | r.r.pr. | pr.s.ph. |
| Abbotsinch | 140 | 04072 | 031 | r.rspr. | pr.pRph.psps. |
| Leuchars | 171 | 94091 | 073 | pr. | pr.ph.r.pr.s. |
| Dyce | 091 | 01091 | 049 | pr. | pr.rs |
| Lerwick | 005 | 95071 | 055 | pr. | pr.ph. |
| Wick | 075 | 93091 | 059 | pr. | ph.r.pr. |
| Sule Skerry | 010 | 01072 | | | |
| Cape Wrath | 049 | 01062 | 078 | pr. | pr.pr.s. |
| Stornoway | 026 | 01081 | 059 | pr. | pr.ps. |
| Benbecula | 022 | 07061 | 019 | ph.r.pr.s.prs | prsphrpr.s. |
| Tiree | 100 | 04071 | 020 | ph.r.pHRplr | pr.pr.s.ph. |
| Aldergrove | 917 | 02071 | 044 | r.rpr.prsph. | phpsps. |
| Malin | 980 | 10 | | | |
| Belmullet | 976 | 05 | | | |
| Birr | 965 | 04 | | | |
| Dublin | 969 | 03 | | | |
| Shannon | 962 | 07 | | | |
| Roches Point | 952 | 07 | | | |
| Valentia | 953 | 06 | | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

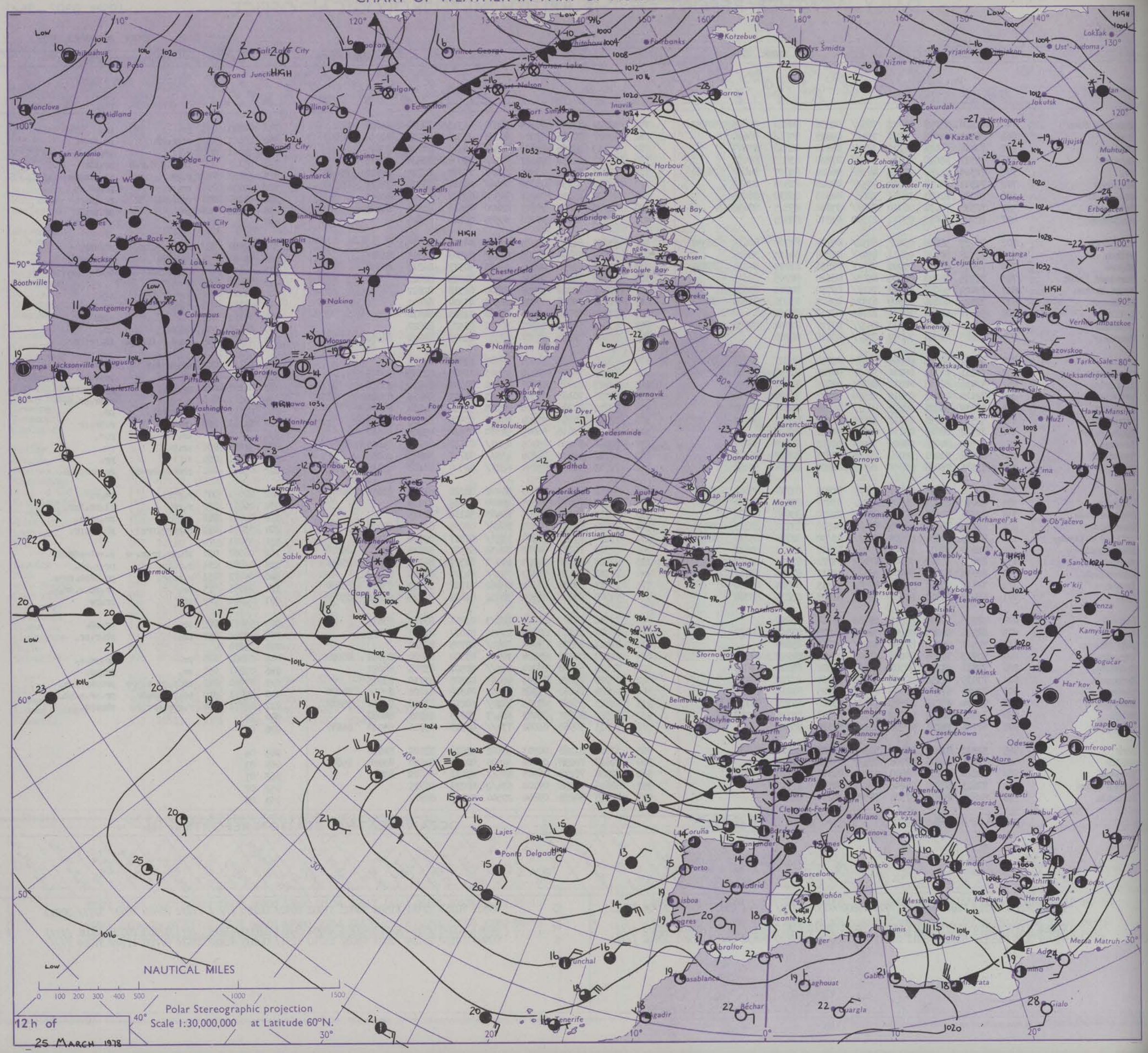
| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ | $Y_YGG_{iw}$ Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 25121 | 72613 | 98018 | 17901 | 75600 | 00301 | ///// | ///// | 05857 | 10599 30706 30415 |
| CLMR | 99662 | 10005 | 25124 | 11123 | 97011 | 89204 | 12401 | 31810 | 81814 | ///// | 0//03 | 10462 30505 ///// |
| CLMR | 99469 | 70172 | 25124 | 62922 | 98032 | 24811 | 48531 | 00118 | 82820 | 84630 | 0//07 | 11165 30910 ///// |

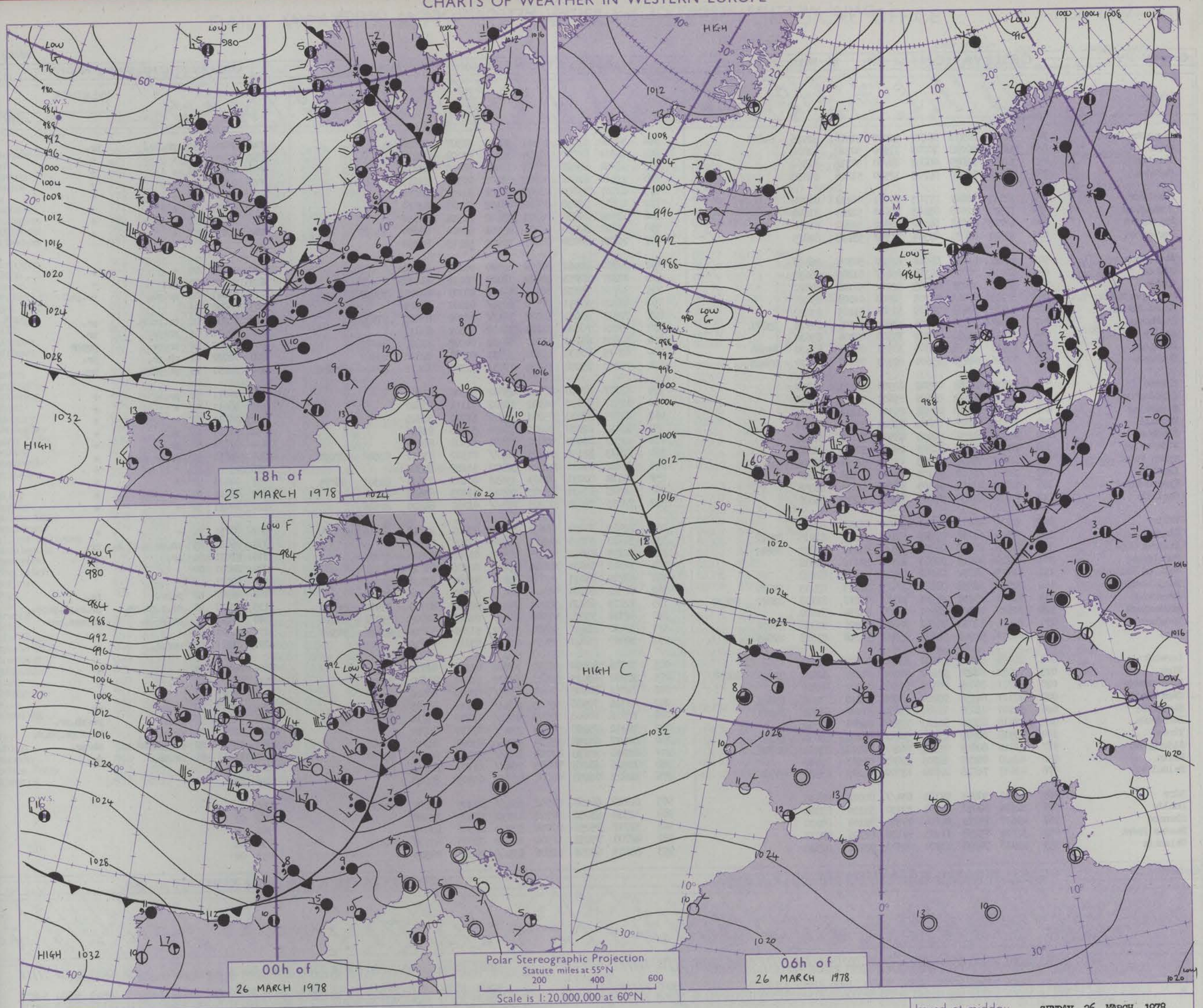
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ | $Y_YGG_{iw}$ Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 25181 | 81604 | 98022 | 11502 | 8092/ | 00755 | ///// | ///// | 05655 | 10597 3//// 30213 |
| CLMR | 99661 | 10016 | 25184 | 61017 | 97251 | 88904 | 59461 | 31000 | 83915 | ///// | 0//03 | 10616 30504 ///// |
| CLMR | 99469 | 70170 | 25184 | 72824 | 98032 | 25710 | 1251/ | 00205 | 81820 | 87470 | 0//05 | 11149 31009 ///// |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday SUNDAY 26 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours the complex low pressure area persisted to the south of Iceland. Frontal troughs from the centre into the North Sea and across southern England continued to move east with a small wave crossing southern England. Most of the country was covered by a strong westerly flow.

During the next 24 hours further troughs are expected to cross the British Isles as another deep Atlantic depression moves towards Iceland.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

Code FM 11.V — **OBSERVATIONS at 00h.** 26 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 52515 | 82271 | 09502 | 59500 | 51210 | 82926 | 84635 | |
| Hurn | 862 | 12515 | 80028 | 10703 | 11500 | 50210 | 81820 | | |
| Manston | 797 | 12615 | 81039 | 06803 | 10930 | 50312 | 81362 | | |
| Gatwick | 776 | 12614 | 83028 | 08703 | 12500 | 51216 | 81825 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 12614 | 82029 | 07903 | 00901 | 00219 | 81072 | | |
| Honington | 586 | 12521 | 82018 | 03803 | 15600 | 52223 | 81640 | | |
| Wattisham | 590 | 12723 | 82018 | 04202 | 00902 | 52220 | 81070 | | |
| Gorleston | 497 | 22921 | 66031 | 02304 | 21500 | 53218 | 82825 | | |
| Aberporth | 502 | 62727 | 81021 | 08004 | 62500 | 50104 | 86820 | | |
| Filton | 628 | 62915 | 70038 | 09304 | 656// | 01209 | 86630 | | |
| Rhoose | 715 | 52619 | 80038 | 08905 | 42501 | 52106 | 84822 | | |
| Hartland Point | 703 | 32925 | 87011 | 10705 | 32500 | 01008 | 83820 | | |
| Mount Batten | 827 | 32619 | 70018 | 13305 | 32500 | 01105 | 83822 | | |
| St.Mawgan | 817 | 42825 | 70018 | 13705 | 43400 | 01106 | 81915 | 83817 | |
| Scilly | 804 | 32928 | 71258 | 15405 | 35500 | 03304 | 83620 | | |
| Culdrose | 809 | 62913 | 70278 | 14803 | 38531 | 03506 | 82820 | 85360 | |
| Guernsey | 894 | 72926 | 60278 | 15604 | 694/3 | 01107 | 83710 | 85920 | |
| Elmdon | 534 | 22814 | 75268 | 05502 | 28500 | 52113 | 81820 | | |
| Cardington | 559 | 22414 | 80021 | 05602 | 25600 | 51221 | 82640 | | |
| Wittering | 462 | 02618 | 82018 | 03502 | 00900 | 51216 | | | |
| Watnall | 354 | 12515 | 80028 | 03801 | 19440 | 53217 | 81910 | | |
| Shawbury | 414 | 42520 | 65838 | 04903 | 48500 | 51110 | 84824 | | |
| Finningley | 360 | 22616 | 86268 | 01203 | 29403 | 52120 | 81915 | | |
| Spurn Point | 396 | 12623 | 75018 | 99503 | 11500 | 51214 | 81820 | | |
| Leeming | 257 | 22718 | 84028 | 99103 | 15602 | 51120 | 81630 | | |
| Tynemouth | 262 | 32820 | 81028 | 96503 | 30930 | 51214 | 83358 | | |
| Carlisle | 222 | 72716 | 81038 | 99903 | 785// | 51230 | 86820 | | |
| Valley | 302 | 32730 | 80011 | 05004 | 38400 | 01207 | 82816 | | |
| Ringway | 334 | 52619 | 62268 | 03003 | 59400 | 52217 | 81915 | 83822 | |
| Squires Gate | 318 | 72825 | 80038 | 02304 | 785// | 51217 | 84825 | 85641 | |
| Ronaldsway | 204 | 42720 | 82018 | 02403 | 48400 | 51112 | 84818 | | |
| Mull of Galloway | 131 | 42725 | 84031 | 00602 | 38501 | 01214 | 82820 | | |
| Eskdalemuir | 162 | 72613 | 62858 | 98100 | 694/3 | 52213 | 83915 | 84819 | |
| Prestwick | 135 | 72917 | 75038 | 98303 | 783// | 00217 | 81708 | 83822 | 85630 |
| Abbotsinch | 140 | 22612 | 70028 | 96901 | 28500 | 51214 | 81820 | | |
| Leuchars | 171 | 62615 | 82018 | 94502 | 28432 | 53321 | 81818 | 86070 | |
| Dyce | 091 | 82816 | 82028 | 92103 | 855// | 51216 | 83628 | 87645 | |
| Lerwick | 005 | 22508 | 80028 | 89302 | 23400 | 00207 | 81912 | | |
| Wick | 075 | 72812 | 80258 | 91102 | 48502 | 01214 | 82820 | 83630 | 86070 |
| Sule Skerry | 010 | 62711 | 80028 | 90304 | 635// | 02208 | 86920 | | |
| Cape Wrath | 049 | 42717 | 84158 | 90404 | 43500 | 01214 | 81920 | 83825 | |
| Stornoway | 026 | 52109 | 81038 | 91901 | 13460 | 51007 | 81916 | 85363 | |
| Benbecula | 022 | 72418 | 60838 | 92203 | 794// | 02801 | 87912 | | |
| Tiree | 100 | 72518 | 60878 | 95003 | 3946/ | 02102 | 82914 | 87360 | |
| Aldergrove | 917 | 72214 | 80028 | 01501 | 762// | 00208 | 83705 | 87708 | |
| Malin | 980 | 42420 | 80278 | 98303 | 39463 | 01303 | 83918 | | |
| Belmullet | 976 | 42617 | 74278 | 02604 | 43500 | 51209 | 83920 | 83640 | |
| Birr | 965 | 62310 | 50858 | 07101 | 634// | 00002 | 86918 | | |
| Dublin | 969 | 32516 | 80011 | 04701 | 30930 | 51210 | 83360 | | |
| Shannon | 962 | 42617 | 75278 | 08204 | 49500 | 02109 | 84920 | | |
| Roches Point | 952 | 32714 | 75258 | 11203 | 39400 | 01306 | 83917 | | |
| Valentia | 953 | 22916 | 70278 | 11704 | 29500 | 02111 | 82920 | | |

**OBSERVATIONS at 06h.** 26 MARCH 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32710 | 82028 | 10901 | 38500 | 51307 | 82820 | | |
| Hurn | 862 | 12514 | 82020 | 11304 | 18500 | 00204 | 81820 | | |
| Manston | 797 | 12614 | 82020 | 08502 | 11402 | 50210 | 81815 | | |
| Gatwick | 776 | 12510 | 82028 | 09902 | 15400 | 00307 | 81615 | | |
| Kew | 775 | 12707 | 75020 | 08803 | 00902 | 51205 | 81070 | | |
| Heathrow | 772 | 22615 | 82030 | 08502 | 18502 | 01301 | 81820 | | |
| Honington | 586 | 12516 | 84030 | 06101 | 15602 | 52314 | 81630 | | |
| Wattisham | 590 | 32618 | 84020 | 06301 | 15702 | 52310 | 81650 | 83070 | |
| Gorleston | 497 | 22714 | 66020 | 04802 | 20970 | 52213 | 82358 | | |
| Aberporth | 502 | 62720 | 80011 | 09604 | 68500 | 00213 | 85820 | | |
| Filton | 628 | 12817 | 80031 | 10404 | 18400 | 00212 | 81818 | | |
| Rhoose | 715 | 52714 | 75158 | 10305 | 49472 | 00107 | 82918 | 83822 | |
| Hartland Point | 703 | 63025 | 69011 | 11506 | 6254/ | 02107 | 86821 | | |
| Mount Batten | 827 | 72817 | 68021 | 14006 | 785// | 02302 | 83825 | 87630 | |
| St.Mawgan | 817 | 52622 | 70028 | 14105 | 52400 | 03302 | 85813 | | |
| Scilly | 804 | 52823 | 65258 | 15707 | 38472 | 04303 | 82817 | 84075 | |
| Culdrose | 809 | 62915 | 70038 | 15304 | 38531 | 03001 | 82820 | 83360 | |
| Guernsey | 894 | 72820 | 75258 | 16404 | 7943/ | 02308 | 82812 | 82920 | 86656 |
| Elmdon | 534 | 12717 | 82010 | 06702 | 15602 | 52305 | 81640 | | |
| Cardington | 559 | 12517 | 75020 | 06902 | 15602 | 51111 | 81640 | | |
| Wittering | 462 | 22715 | 83030 | 05601 | 18502 | 51311 | 81825 | | |
| Watnall | 354 | 12412 | 82028 | 04801 | 11473 | 52206 | 81810 | | |
| Shawbury | 414 | 42512 | 80028 | 07002 | 38531 | 51308 | 82822 | | |
| Finningley | 360 | 72613 | 82158 | 03403 | 784// | 00310 | 83817 | 83640 | 87657 |
| Spurn Point | 396 | 52622 | 75011 | 02303 | 50970 | 51217 | 85360 | | |
| Leeming | 257 | 72714 | 82031 | 00803 | 15632 | 00108 | 81630 | 83362 | 86075 |
| Tynemouth | 262 | 62623 | 81031 | 98903 | 3552/ | 51103 | 83625 | 86458 | |
| Carlisle | 222 | 72815 | 70032 | 00903 | 785// | 01310 | 84820 | 87626 | |
| Valley | 302 | 72422 | 80031 | 06604 | 52402 | 03208 | 82712 | 84816 | 85075 |
| Ringway | 334 | 32613 | 80019 | 04903 | 38500 | 51309 | 82820 | | |
| Squires Gate | 318 | 62723 | 75012 | 04005 | 48505 | 01306 | 83820 | 83075 | |
| Ronaldsway | 204 | 72721 | 81031 | 03404 | 18442 | 00306 | 81817 | 87070 | |
| Mull of Galloway | 131 | 52719 | 81011 | 01003 | 32430 | 01104 | 83815 | 85360 | |
| Eskdalemuir | 162 | 72522 | 80268 | 98901 | 684/2 | 51601 | 83818 | 85635 | |
| Prestwick | 135 | 72715 | 60818 | 98904 | 793// | 02000 | 82709 | 85912 | 86620 |
| Abbotsinch | 140 | 82314 | 35858 | 97902 | 892// | 01205 | 82705 | 85912 | 88630 |
| Leuchars | 171 | 72410 | 82031 | 96301 | 38432 | 51206 | 81816 | 83656 | 86360 |
| Dyce | 091 | 30000 | 86021 | 95051 | 15731 | 53112 | 81650 | | |
| Lerwick | 005 | 32706 | 82020 | 90702 | 39402 | 01208 | 82912 | | |
| Wick | 075 | 32002 | 83021 | 92601 | 15602 | 53007 | 81640 | 83070 | |
| Sule Skerry | 010 | 72012 | 80808 | 91104 | 6357/ | 02000 | 86920 | | |
| Cape Wrath | 049 | 82316 | 70586 | 89603 | 874// | 02812 | 88715 | | |
| Stornoway | 026 | 72016 | 80608 | 89903 | 6547/ | 03610 | 83714 | 85650 | 87360 |
| Benbecula | 022 | 72112 | 75258 | 90305 | 794// | 03710 | 86915 | | |
| Tiree | 100 | 62417 | 61158 | 93704 | 3946/ | 03807 | 81912 | 84360 | |
| Aldergrove | 917 | 62216 | 70038 | 01702 | 663// | 50801 | 82708 | 85710 | |
| Malin | 980 | 72526 | 60278 | 97805 | 794// | 02701 | 81716 | 85918 | |
| Belmullet | 976 | 42622 | 76258 | 02707 | 435// | 01303 | 84920 | | |
| Birr | 965 | 62210 | 66268 | 07902 | 635// | 01305 | 84920 | 83635 | |
| Dublin | 969 | 12518 | 83030 | 04702 | 11530 | 50305 | 81820 | | |
| Shannon | 962 | 32717 | 75258 | 09004 | 39500 | 02306 | 83920 | | |
| Roches Point | 952 | 42709 | 75038 | 11504 | 19402 | 02003 | 81917 | 84073 | |
| Valentia | 953 | 82813 | 65258 | 11806 | 835// | 03500 | 88923 | | |

**OBSERVATIONS during NIGHT**

| Station | iii | $R_RT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 95011 | 52 | ph.pr. | pr. |
| Hurn | 862 | 00031 | 01 | + | + |
| Manston | 797 | 00021 | 50 | + | + |
| Gatwick | 776 | 97011 | 52 | pr. | + |
| Kew | 775 | 00021 | 50 | + | + |
| Heathrow | 772 | 00021 | 51 | + | + |
| Honington | 586 | 00011 | 51 | + | + |
| Wattisham | 590 | 00011 | 51 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00031 | 00 | + | + |
| Filton | 628 | 92021 | 00 | pr. | + |
| Rhoose | 715 | 91041 | 02 | pr.ph. | pr.ph. |
| Hartland Point | 703 | 00040 | 02 | | |
| Mount Batten | 827 | 96031 | 02 | pr.ph.r. | pr. |
| St.Mawgan | 817 | 01031 | 01 | phrpr | pr. |
| Scilly | 804 | 06042 | 02 | pr.pr | prphr |
| Culdrose | 809 | 02022 | 01 | ph.pr. | pr. |
| Guernsey | 894 | 01031 | 03 | phrph.r. | pr. |
| Elmdon | 534 | 97011 | 51 | pr.s. | + |
| Cardington | 559 | 00011 | 51 | + | + |
| Wittering | 462 | 00011 | 51 | + | + |
| Watnall | 354 | 91011 | 53 | ps. | + |
| Shawbury | 414 | 97021 | 51 | pr.s. | + |
| Finningley | 360 | 94011 | 50 | pr.pr.s.ps. | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00021 | 51 | + | + |
| Tynemouth | 262 | 00011 | 50 | + | + |
| Carlisle | 222 | 00021 | 50 | + | + |
| Valley | 302 | 00031 | 01 | + | + |
| Ringway | 334 | 96021 | 01 | ph.pr.s.tl.h. | pr. |
| Squires Gate | 318 | 97031 | 01 | pr. | jp |
| Ronaldsway | 204 | 00031 | 00 | + | + |
| Mull of Galloway | 131 | 00011 | | | |
| Eskdalemuir | 162 | 08507 | 52 | psps. | ps. |
| Prestwick | 135 | 07011 | 00 | pr.s.ps.ph. | pr.s.pr.prpr. |
| Abbotsinch | 140 | 07012 | 51 | ps.pr.s. | prpsps.prs |
| Leuchars | 171 | 00501 | 52 | + | + |
| Dyce | 091 | 01511 | 55 | rsr.s. | + |
| Lerwick | 005 | 00011 | 53 | + | + |
| Wick | 075 | 91501 | 54 | pr. | + |
| Sule Skerry | 010 | 02022 | 01 | | |
| Cape Wrath | 049 | 95012 | 00 | pr.s. | pr. |
| Stornoway | 026 | 01011 | 51 | pr.ps. | ps.ph.pr. |
| Benbecula | 022 | 02031 | 00 | pr.s. | pr.s.pr.ph.r. |
| Tiree | 100 | 04021 | 00 | phrpr.pRS | phrpr. |
| Aldergrove | 917 | 94011 | 51 | pr.ps. | pr. |
| Malin | 980 | 04 | | | |
| Belmullet | 976 | 96 | | | |
| Birr | 965 | 04 | | | |
| Dublin | 969 | 97 | | | |
| Shannon | 962 | 02 | | | |
| Roches Point | 952 | 92 | | | |
| Valentia | 953 | 04 | | | |

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 00h.**

| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ | $YYGGi_w$ Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 26001 | 81220 | 95637 | 87104 | 8742/ | 007150 | ///// | ///// | 05402 | 10580 |
| CLMR | 99656 | 10021 | 26004 | 71026 | 97038 | 88204 | 78400 | 31605 | 81815 | 87620 | 0//02 | 10593 |
| CLMR | 99470 | 70172 | 26004 | 72717 | 98032 | 26710 | 1253/ | 00803 | 81810 | 87360 | 0//05 | 11136 |

3//12 ///// ; 30605 ///// ; 31008 /////

**OCEAN WEATHER STATION REPORTS at 06h.**

| O.W.S. | $99L_aL_aL_a$ $Q_cL_oL_oL_o$ | $YYGGi_w$ Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 26061 | 22220 | 97018 | 73704 | 22500 | 00728 | ///// | ///// | 05250 | 10619 |
| CLMR | 99654 | 10024 | 26064 | 60818 | 97012 | 89404 | 58475 | 31209 | 84812 | ///// | 0//01 | 10643 |
| CLMR | 99470 | 70171 | 26064 | 82224 | 96202 | 21211 | 853// | 00733 | 84706 | 88640 | 0//11 | 11137 |

3//12 ///// ; 30504 24803 ; 30503 28005

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42494

Date of Issue MONDAY 27 MARCH 1978

## OBSERVATIONS at 12h. 26 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62723 | 82031 | 11908 | 31502 | 01206 | 83828 | 85070 | |
| Hurn | 862 | 72819 | 80031 | 13109 | 11505 | 50105 | 81825 | 83272 | 86075 |
| Manston | 797 | 32715 | 84020 | 10709 | 22601 | 51208 | 82830 | | |
| Gatwick | 776 | 52716 | 82031 | 11509 | 52600 | 50104 | 85835 | | |
| Kew | 775 | 42713 | 82021 | 10808 | 42601 | 51105 | 84830 | | |
| Heathrow | 772 | 42716 | 83020 | 10909 | 42601 | 01107 | 84835 | | |
| Honington | 586 | 62623 | 84011 | 08108 | 41602 | 52108 | 84834 | 83070 | |
| Wattisham | 590 | 52725 | 84031 | 08608 | 42602 | 51109 | 84835 | | |
| Gorleston | 497 | 32822 | 66011 | 07107 | 31500 | 53007 | 83825 | | |
| Aberporth | 502 | 72516 | 70031 | 11707 | 4847/ | 03204 | 81816 | 84645 | 85358 |
| Filton | 628 | 72716 | 82031 | 12708 | 685/2 | 01205 | 84825 | 83640 | |
| Rhoose | 715 | 72719 | 75258 | 12507 | 38576 | 01113 | 83825 | 83362 | 87275 |
| Hartland Point | 703 | 82822 | 66038 | 14507 | 32477 | 04211 | 83815 | 85360 | 88275 |
| Mount Batten | 827 | 82717 | 68038 | 15709 | 3857/ | 04005 | 83822 | 88462 | |
| St.Mawgan | 817 | 82820 | 70028 | 16108 | 3857/ | 04005 | 82820 | 88465 | |
| Scilly | 804 | 72722 | 62028 | 16810 | 2241/ | 06001 | 82816 | 87460 | |
| Culdrose | 809 | 83014 | 60028 | 16708 | 4937/ | 06004 | 81709 | 83915 | 88462 |
| Guernsey | 894 | 82720 | 70028 | 18308 | 48477 | 04011 | 81812 | 84656 | 86360 |
| Elmdon | 534 | 42823 | 82021 | 08309 | 41640 | 51203 | 84830 | | |
| Cardington | 559 | 52720 | 81021 | 09108 | 52500 | 51110 | 85825 | | |
| Wittering | 462 | 62824 | 83011 | 07608 | 51602 | 51009 | 85830 | | |
| Watnall | 354 | 62616 | 81031 | 07008 | 626// | 51001 | 86830 | | |
| Shawbury | 414 | 42623 | 82020 | 08509 | 48500 | 02207 | 84820 | | |
| Finningley | 360 | 72512 | 82021 | 05807 | 745// | 00110 | 83828 | 87635 | |
| Spurn Point | 396 | 42722 | 64031 | 04807 | 32541 | 50208 | 83825 | | |
| Leeming | 257 | 62621 | 82032 | 03607 | 625// | 02205 | 86827 | | |
| Tynemouth | 262 | 62728 | 80022 | 00807 | 656// | 00101 | 86630 | | |
| Carlisle | 222 | 82515 | 68252 | 01806 | 6843/ | 02103 | 81713 | 84820 | 86640 |
| Valley | 302 | 62224 | 70011 | 08107 | 58402 | 03001 | 81818 | 83630 | |
| Ringway | 334 | 42720 | 75011 | 06408 | 38542 | 51001 | 83825 | | |
| Squires Gate | 318 | 22524 | 70011 | 05608 | 18541 | 03003 | 81825 | | |
| Ronaldsway | 204 | 72521 | 70031 | 04707 | 785// | 02400 | 84822 | 87645 | |
| Mull of Galloway | 131 | 82620 | 80032 | 02407 | 855// | 03302 | 88620 | | |
| Eskdalemuir | 162 | 82108 | 50698 | 00802 | 873// | 01107 | 88708 | | |
| Prestwick | 135 | 72718 | 60808 | 99005 | 784// | 03803 | 82812 | 83816 | 85822 |
| Abbotsinch | 140 | 72315 | 58808 | 97406 | 794// | 03610 | 82914 | 85818 | |
| Leuchars | 171 | 62418 | 80032 | 95907 | 614// | 02709 | 86815 | | |
| Dyce | 091 | 72115 | 86031 | 94207 | 38472 | 00707 | 81712 | 85362 | |
| Lerwick | 005 | 51810 | 81021 | 92605 | 48401 | 01209 | 82815 | | |
| Wick | 075 | 31913 | 89021 | 92106 | 22442 | 01705 | 82818 | | |
| Sule Skerry | 010 | 61417 | 84018 | 91306 | 685// | 04306 | 82820 | 86625 | |
| Cape Wrath | 049 | 42317 | 82018 | 89306 | 48500 | 03502 | 83820 | | |
| Stornoway | 026 | 52312 | 68258 | 88806 | 59400 | 03804 | 82913 | 84816 | |
| Benbecula | 022 | 42823 | 65258 | 90107 | 49463 | 05306 | 84912 | | |
| Tiree | 100 | 12627 | 75158 | 93709 | 19460 | 05303 | 81918 | | |
| Aldergrove | 917 | 72618 | 62808 | 02207 | 784// | 04802 | 83710 | 85816 | 87625 |
| Malin | 980 | 32535 | 70258 | 99308 | 33400 | 04211 | | | |
| Belmullet | 976 | 32618 | 74018 | 04810 | 23502 | 03208 | | | |
| Birr | | | | | | | | | |
| Dublin | 969 | 32624 | 80010 | 05609 | 22430 | 01704 | | | |
| Shannon | 962 | 72713 | 80258 | 09608 | 785// | 05603 | | | |
| Roches Point | 952 | 72218 | 56038 | 11709 | 6847/ | 05710 | | | |
| Valentia | 953 | 82217 | 65608 | 11108 | 3642/ | 07813 | | | |

## OBSERVATIONS at 18h. 26 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72412 | 82022 | 11407 | 58538 | 02705 | 81825 | 85645 | 86359 |
| Hurn | 862 | 82408 | 70216 | 12707 | 2567/ | 04400 | 82640 | 85360 | 88462 |
| Manston | 797 | 62513 | 81031 | 10408 | 24656 | 00502 | 81640 | 83365 | 85272 |
| Gatwick | 776 | 82614 | 80022 | 11208 | 2867/ | 01400 | 81835 | 88362 | |
| Kew | 775 | 82513 | 75031 | 10308 | 1467/ | 01400 | 81635 | 84360 | 88462 |
| Heathrow | 772 | 72411 | 77211 | 10508 | 1567/ | 03204 | 81632 | 85360 | 87366 |
| Honington | 586 | 72413 | 84258 | 07908 | 795// | 51500 | 81920 | 85835 | |
| Wattisham | 590 | 52417 | 81152 | 08407 | 38632 | 01502 | 81835 | 83650 | |
| Gorleston | 497 | 42412 | 64031 | 07609 | 44500 | 01501 | 84625 | | |
| Aberporth | 502 | 82215 | 70612 | 08606 | 4742/ | 05717 | 84715 | 88558 | |
| Filton | 628 | 82614 | 75036 | 11107 | 55577 | 04710 | 82625 | 84640 | 86462 |
| Rhoose | 715 | 82512 | 58608 | 10607 | 6542/ | 05709 | 82712 | 86620 | 88460 |
| Hartland Point | 703 | 82625 | 64618 | 10707 | 853// | 06724 | 84708 | 88640 | |
| Mount Batten | 827 | 82413 | 58638 | 12708 | 6532/ | 06821 | 81709 | 85630 | 88556 |
| St.Mawgan | 817 | 82010 | 50636 | 12507 | 853// | 06824 | 86707 | 88620 | |
| Scilly | 804 | 82325 | 35636 | 11409 | 873// | 08738 | 88706 | | |
| Culdrose | 809 | 82418 | 18638 | 12408 | 870// | 08830 | 83700 | 85701 | 88702 |
| Guernsey | 894 | 82520 | 61616 | 16607 | 3532/ | 05609 | 81707 | 83615 | 88556 |
| Elmdon | 534 | 72411 | 70021 | 08308 | 785// | 50505 | 85824 | 87635 | |
| Cardington | 559 | 72218 | 66032 | 08508 | 3867/ | 02500 | 82830 | 83360 | 86462 |
| Wittering | 462 | 62613 | 81031 | 07507 | 38671 | 00301 | 81830 | 83650 | 85362 |
| Watnall | 354 | 72517 | 75012 | 06707 | 11672 | 01602 | 81830 | 83362 | |
| Shawbury | 414 | 72414 | 73028 | 07407 | 3557/ | 03710 | 82625 | 87359 | |
| Finningley | 360 | 32418 | 81011 | 04407 | 28602 | 02808 | 81835 | | |
| Spurn Point | 396 | 52418 | 66011 | 04908 | 44570 | 01501 | 84620 | | |
| Leeming | 257 | 22421 | 70258 | 02007 | 11502 | 02204 | 81825 | | |
| Tynemouth | 262 | 52716 | 69258 | 00506 | 43530 | 03314 | 84925 | | |
| Carlisle | 222 | 62715 | 75258 | 01205 | 694// | 03310 | 81713 | 82918 | 86635 |
| Valley | 302 | 82325 | 78028 | 06007 | 6857/ | 05713 | 81824 | 86650 | 88358 |
| Ringway | 334 | 72215 | 70021 | 05707 | 3855/ | 02707 | 82825 | 86360 | |
| Squires Gate | 318 | 72420 | 75031 | 04607 | 18672 | 04505 | 81830 | 84365 | 85070 |
| Ronaldsway | 204 | 72517 | 72038 | 03507 | 1565/ | 03301 | 81635 | 87360 | |
| Mull of Galloway | 131 | 62920 | 80158 | 02207 | 4343/ | 04207 | 84915 | 83630 | |
| Eskdalemuir | 162 | 62415 | 82018 | 99705 | 624// | 50305 | 86818 | | |
| Prestwick | 135 | 22717 | 65158 | 99906 | 28441 | 03311 | 81818 | | |
| Abbotsinch | 140 | 52719 | 70038 | 98207 | 58540 | 01313 | 84824 | | |
| Leuchars | 171 | 42617 | 86038 | 95807 | 48500 | 02308 | 83824 | | |
| Dyce | 091 | 32609 | 86018 | 93607 | 28532 | 00308 | 81828 | | |
| Lerwick | 005 | 21808 | 82011 | 94304 | 11402 | 50208 | 81815 | | |
| Wick | 075 | 72908 | 80151 | 92805 | 59463 | 01215 | 82915 | 84620 | |
| Sule Skerry | 010 | 32702 | 81018 | 93407 | 39570 | 04217 | 83920 | | |
| Cape Wrath | 049 | 43211 | 84031 | 92905 | 42500 | 03221 | 84820 | | |
| Stornoway | 026 | 53412 | 80038 | 94806 | 58400 | 03234 | 83818 | 83635 | |
| Benbecula | 022 | 23116 | 80158 | 96306 | 19405 | 04231 | 81918 | | |
| Tiree | 100 | 42915 | 75038 | 97707 | 12552 | 03221 | 81820 | | |
| Aldergrove | 917 | 72510 | 70038 | 02506 | 2843/ | 03501 | 81818 | 87362 | |
| Malin | 976 | 81609 | 57616 | 00107 | 863// | 06734 | 84708 | 87714 | |
| Belmullet | | | | | | | | | |
| Birr | 965 | 81702 | 58606 | 04207 | 6642/ | 05828 | 86710 | 88458 | |
| Dublin | 969 | 82210 | 64606 | 04708 | 6567/ | 02807 | 84630 | 83645 | 88458 |
| Shannon | 962 | 81506 | 35586 | 03608 | 863// | 07834 | 84706 | 86711 | 87630 |
| Roches Point | 952 | 81807 | 50516 | 05808 | 862// | 08732 | 88704 | | |
| Valentia | 953 | 82317 | 56616 | 05211 | 862// | 10718 | 88705 | | |

## OBSERVATIONS during DAY

| Station | iii | $R_RT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 97091 | 065 | jp | ir. |
| Hurn | 862 | 94101 | 062 | + | pr.r.d.r.r. |
| Manston | 797 | 00110 | 089 | + | jp |
| Gatwick | 776 | 97111 | 084 | + | r. |
| Kew | 775 | 00111 | 086 | + | + |
| Heathrow | 772 | 97111 | 088 | + | r. |
| Honington | 586 | 97101 | 080 | + | pr. |
| Wattisham | 590 | 00101 | 092 | + | + |
| Gorleston | 497 | | 092 | | |
| Aberporth | 502 | 02081 | 018 | + | rr.r. |
| Filton | 628 | 93091 | 055 | r. | r.r. |
| Rhoose | 715 | 03081 | 042 | pr.r. | r.r.-rr. |
| Hartland Point | 703 | 05082 | 008 | | |
| Mount Batten | 827 | 05091 | 006 | pr.r. | r.r-rrRrd.r. |
| St.Mawgan | 817 | 08102 | 001 | r.r | rr |
| Scilly | 804 | 05102 | 008 | ir. | rr |
| Culdrose | 809 | 10102 | 000 | pr.ir. | r.r.rr |
| Guernsey | 894 | 04081 | 003 | pr. | r.r.rrff |
| Elmdon | 534 | 97100 | 077 | + | r. |
| Cardington | 559 | 00111 | 077 | + | + |
| Wittering | 462 | 00111 | 079 | + | + |
| Watnall | 354 | 97101 | 072 | + | r. |
| Shawbury | 414 | 97091 | 065 | pr. | r. |
| Finningley | 360 | 00101 | 052 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 97091 | 079 | + | pr. |
| Tynemouth | 262 | 97091 | 053 | + | pr. |
| Carlisle | 222 | 02081 | 017 | pr. | pr.prpr. |
| Valley | 302 | 91091 | 046 | pr. | pr.r.r. |
| Ringway | 334 | 00091 | 051 | + | + |
| Squires Gate | 318 | 00091 | 050 | + | + |
| Ronaldsway | 204 | 97101 | 063 | pr. | + |
| Mull of Galloway | 131 | 91081 | | | |
| Eskdalemuir | 162 | 05061 | 007 | pr.s.rsprs | prspr.s.pr. |
| Prestwick | 135 | 05081 | 025 | pr.pr | pr. |
| Abbotsinch | 140 | 01091 | 049 | pr.s.pr. | pr |
| Leuchars | 171 | 97091 | 077 | pr. | pr. |
| Dyce | 091 | 97101 | 090 | + | pr. |
| Lerwick | 005 | 00071 | 079 | + | + |
| Wick | 075 | 00081 | 091 | + | + |
| Sule Skerry | 010 | 03072 | | | |
| Cape Wrath | 049 | 97071 | 080 | + | pr. |
| Stornoway | 026 | 03081 | 066 | pr.prpr. | pr. |
| Benbecula | 022 | 94081 | 072 | pr. | pr. |
| Tiree | 100 | 91091 | 085 | ph.r.pr.phr | jp |
| Aldergrove | 917 | 01091 | 038 | pr. | pr.r. |
| Malin | 980 | 09 | 043 | | |
| Belmullet | 976 | 9410 | 031 | | |
| Birr | 965 | 9710 | 021 | | |
| Dublin | 969 | 9710 | 065 | | |
| Shannon | 962 | 0210 | 001 | | |
| Roches Point | 952 | 9111 | 008 | | |
| Valentia | 953 | 0411 | 000 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

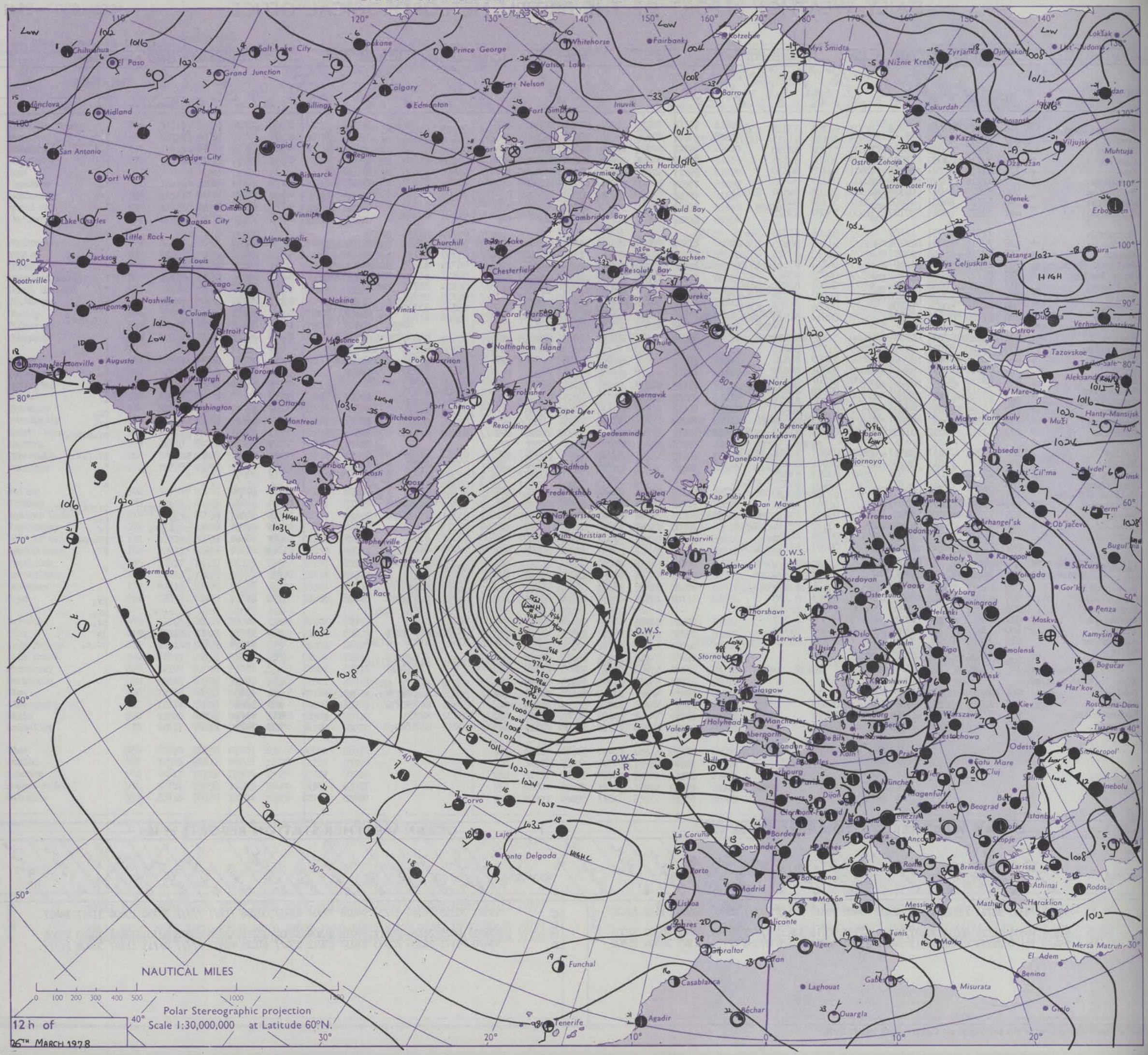
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 26121 | 72519 | 97278 | 62502 | 53402 | 00312 | ///// | ///// | 05600 | 10608 | 31112 | 21420 |
| L | 99652 | 10026 | 26124 | 60510 | 97031 | 91704 | 32531 | 00116 | 83820 | ///// | 0//02 | 10667 | 30302 | 22005 |
| M | 99470 | 70170 | 26124 | 72430 | 97012 | 20212 | 25502 | 00711 | 82626 | 87066 | 0//10 | 11145 | 30504 | 29109 |
| R | | | | | | | | | | | | | | |

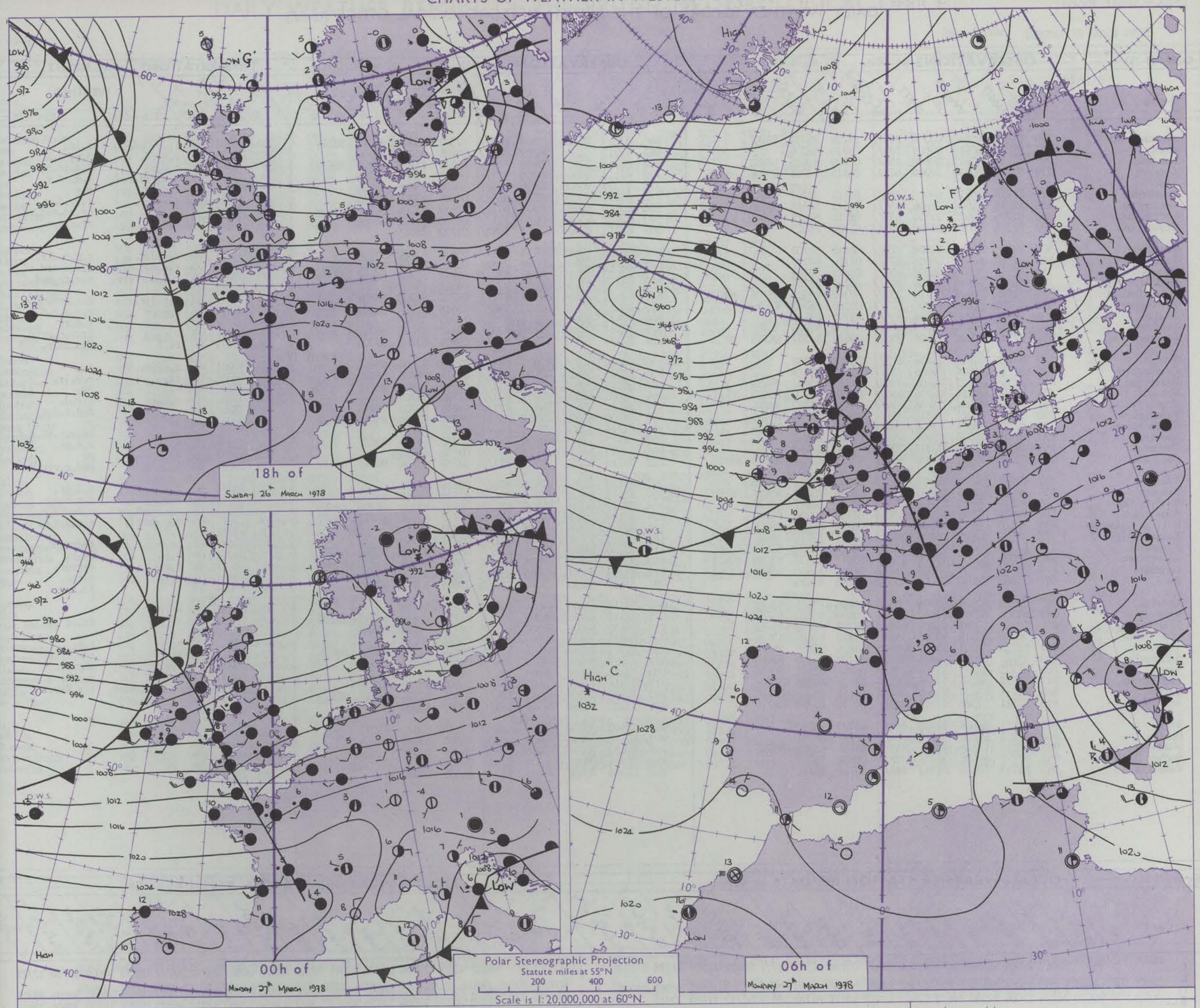
## OCEAN WEATHER STATION REPORTS at 18h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 26181 | 82733 | 94878 | 79301 | 834// | 00288 | ///// | ///// | 05950 | 10604 | 31217 | 24427 |
| L | 99652 | 10025 | 26184 | 70612 | 97032 | 94504 | 32502 | 00121 | 83820 | 86070 | 0//01 | 10664 | 30403 | 22005 |
| M | 99470 | 70172 | 26184 | 82535 | 97032 | 15012 | 854// | 61826 | 88613 | ///// | 0//11 | 11147 | 30808 | ///// |
| R | | | | | | | | | | | | | | |

All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Issued at midday MONDAY 27 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a weak ridge of high pressure over the British Isles moved away eastwards and was replaced by frontal troughs moving in from the Atlantic.

During the next 24 hours the frontal troughs over the British Isles are expected to move away eastwards from central and northern districts but remain slow-moving near southern England as a westerly airstream becomes established over most parts.

Code FM 11.V

## OBSERVATIONS at 00h. 27 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_{app}$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81812 | 45586 | 07506 | 870// | 05728 | 85701 | 88702 | |
| Hurn | 862 | 82208 | 60616 | 07609 | 873// | 08733 | 88706 | | |
| Manston | 797 | 82212 | 60612 | 09606 | 1567/ | 05709 | 81635 | 88358 | |
| Gatwick | 776 | 82109 | 50636 | 09306 | 6732/ | 06815 | 83706 | 85708 | 88545 |
| Kew | | | | | | | | | |
| Heathrow | 772 | 81910 | 58616 | 08406 | 853// | 06715 | 82707 | 88645 | |
| Honington | 586 | 82211 | 62608 | 06806 | 854// | 03612 | 84618 | 88656 | |
| Wattisham | 590 | 82316 | 70602 | 07706 | 854// | 03710 | 83618 | 84641 | 88656 |
| Gorleston | 497 | 82316 | 66021 | 07106 | 855// | 02706 | 88625 | | |
| Aberporth | 502 | 82420 | 40516 | 04108 | 872// | 08718 | 88703 | | |
| Filton | 628 | 82510 | 60516 | 06308 | 873// | 07724 | 88707 | | |
| Rhoose | 715 | 82513 | 35636 | 06208 | 870// | 08619 | 88701 | | |
| Hartland Point | 703 | 82728 | 56616 | 07508 | 872// | 08205 | 88704 | | |
| Mount Batten | 827 | 82619 | 50616 | 09410 | 852// | 09302 | 83703 | 85706 | 88618 |
| St.Mawgan | 817 | 82420 | 50636 | 09809 | 871// | 09000 | 85702 | 88703 | |
| Scilly | 804 | 82424 | 59216 | 10710 | 854// | 09705 | 88614 | | |
| Culdrose | 809 | 82617 | 50216 | 10409 | 872// | 09000 | 82703 | 88705 | |
| Guernsey | 894 | 82526 | 40026 | 12409 | 850// | 09610 | 84701 | 86703 | 88618 |
| Elmdon | 534 | 82112 | 62612 | 05406 | 873// | 05821 | 86707 | | |
| Cardington | 559 | 82114 | 62606 | 06906 | 855// | 05812 | 88629 | | |
| Wittering | 462 | 82315 | 70022 | 05406 | 3562/ | 04717 | 83640 | 88459 | |
| Watnall | 354 | 82112 | 70216 | 04706 | 6542/ | 04714 | 83710 | 85620 | 88460 |
| Shawbury | 414 | 81910 | 68036 | 03708 | 854// | 05824 | 86710 | 88614 | |
| Finningley | 360 | 82214 | 80021 | 03207 | 3577/ | 03810 | 83650 | 88459 | |
| Spurn Point | 396 | 82314 | 66021 | 03806 | 2567/ | 03706 | 82630 | 88460 | |
| Leeming | 257 | 62615 | 75038 | 01407 | 65600 | 03807 | 86640 | | |
| Tynemouth | 262 | 72714 | 69028 | 00307 | 7097/ | 02500 | 87458 | | |
| Carlisle | 222 | 72306 | 62012 | 00106 | 6557/ | 03713 | 81624 | 83640 | 85656 |
| Valley | 302 | 81921 | 35586 | 01507 | 870// | 07730 | 84701 | 88702 | |
| Ringway | 334 | 82010 | 65602 | 03007 | 854// | 04718 | 83616 | 85621 | 88650 |
| Squires Gate | 318 | 82310 | 70616 | 01906 | 854// | 06816 | 86617 | 88630 | |
| Ronaldsway | 204 | 82115 | 30592 | 99707 | 870// | 07730 | 83701 | 88702 | |
| Mull of Galloway | 131 | 82120 | 75612 | 98906 | 4552/ | 06732 | 84620 | 88459 | |
| Eskdalemuir | 162 | 81503 | 81028 | 99803 | 884// | 02617 | 83712 | 88627 | |
| Prestwick | 135 | 82107 | 65021 | 98305 | 5557/ | 03818 | 81620 | 85650 | 88465 |
| Abbotsinch | 140 | 82006 | 65031 | 97705 | 2567/ | 03817 | 82630 | 83359 | 88462 |
| Leuchars | 171 | 72412 | 82031 | 97005 | 3563/ | 01804 | 81630 | 83645 | 87362 |
| Dyce | 091 | 31802 | 86030 | 96001 | 15532 | 51105 | 81625 | | |
| Lerwick | 005 | 51510 | 82031 | 94504 | 35502 | 01806 | 83625 | 83070 | |
| Wick | 075 | 62306 | 82031 | 94602 | 48531 | 00500 | 81820 | 84636 | |
| SFle Skerry | 010 | 62702 | 80031 | 94004 | 685// | 02707 | 81820 | 85625 | |
| Cape Wrath | 049 | 33210 | 80018 | 93303 | 15510 | 01811 | 81620 | 83460 | |
| SWornoway | 026 | 61713 | 80031 | 92905 | 25606 | 01826 | 82630 | 86070 | |
| Benbecula | 022 | 71411 | 82031 | 91805 | 6572/ | 04739 | 86650 | 87460 | |
| Tiree | 100 | 81723 | 66031 | 92906 | 2562/ | 04742 | 82645 | 88460 | |
| Aldergrove | 917 | 81612 | 62216 | 97006 | 862// | 05739 | 82705 | 88707 | |
| Malin | 980 | 81718 | 65606 | 93206 | 864// | 05751 | 85715 | 88640 | |
| Belmullet | 976 | 82121 | 57586 | 92710 | 863// | 09731 | 85709 | 88714 | |
| Birr | 965 | 82111 | 60606 | 98910 | 864// | 08723 | 88710 | | |
| Dublin | 969 | 82213 | 59606 | 98210 | 864// | ///// | 88711 | | |
| Shannon | 962 | 82216 | 56586 | 99310 | 863// | 09724 | 82708 | 88714 | |
| Roches Point | 952 | 82122 | 40586 | 02809 | 872// | 09824 | 88705 | | |
| Valentia | 953 | 82120 | 60216 | 01310 | 864// | 10727 | 88712 | | |

## OBSERVATIONS at 06h. 27 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_{app}$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82213 | 64026 | 05309 | 853// | 07507 | 83708 | 85710 | 88615 |
| Hurn | 862 | 82319 | 56586 | 06309 | 873// | 09804 | 86706 | 88710 | |
| Manston | 797 | 82311 | 57615 | 05408 | 852// | 08611 | 81705 | 84708 | 88612 |
| Gatwick | 776 | 82112 | 50506 | 05709 | 872// | 09605 | 85704 | 88706 | |
| Kew | 775 | 82309 | 70606 | 04810 | 873// | 08605 | 85708 | 88710 | |
| Heathrow | 772 | 82310 | 65026 | 04510 | 863// | 09609 | 83709 | 88712 | |
| Honington | 586 | 82010 | 56586 | 02507 | 5732/ | 07619 | 85706 | 88550 | |
| Wattisham | 590 | 82012 | 45616 | 03207 | 871// | 06618 | 84702 | 88704 | |
| Gorleston | 497 | 82112 | 62606 | 03207 | 8052/ | 05720 | 88525 | | |
| Aberporth | 502 | 82326 | 50516 | 00909 | 871// | 09810 | 83702 | 88704 | |
| Filton | 628 | 82519 | 25596 | 03509 | 7732/ | 08816 | 84708 | 86712 | 88535 |
| Rhoose | 715 | 82420 | 50616 | 03609 | 872// | 08713 | 82703 | 86706 | 88710 |
| Hartland Point | 703 | 92530 | 01636 | 04109 | 9//// | 09613 | 89/00 | | |
| Mount Batten | 827 | 82421 | 20586 | 07309 | 872// | 09709 | 86703 | 88707 | |
| St.Mawgan | 817 | 82421 | 50616 | 06610 | 870// | 10616 | 85701 | 88702 | |
| Scilly | 804 | 82427 | 50616 | 07210 | 872// | 10713 | 88703 | | |
| Culdrose | 809 | 82521 | 08636 | 07709 | 870// | 09613 | 85700 | 88701 | |
| Guernsey | 894 | 82524 | 50102 | 11409 | 861// | 09704 | 83702 | 87703 | |
| Elmdon | 534 | 82416 | 65216 | 00809 | 863// | 07519 | 81708 | 88711 | |
| Cardington | 559 | 82221 | 58616 | 02409 | 853// | 09611 | 86708 | 88620 | |
| Wittering | 462 | 82211 | 59602 | 01008 | 853// | 07715 | 83706 | 88616 | |
| Watnall | 354 | 82009 | 58506 | 99707 | 872// | 07720 | 88705 | | |
| Shawbury | 414 | 82211 | 35585 | 99510 | 872// | 09615 | 86703 | 88710 | |
| Finningley | 360 | 81709 | 63022 | 98307 | 854// | 06724 | 83710 | 85615 | 88622 |
| Spurn Point | 396 | 81714 | 32506 | 99306 | 864// | 05727 | 88715 | | |
| Leeming | 257 | 81512 | 57616 | 95906 | 852// | 06730 | 85704 | 88626 | |
| Tynemouth | 262 | 82018 | 61022 | 95107 | 8092/ | 05732 | 88458 | | |
| Carlisle | 222 | 82316 | 60215 | 92509 | 853// | 08737 | 82708 | 84711 | 88617 |
| Valley | 302 | 82128 | 35206 | 97508 | 870// | 08616 | 88701 | | |
| Ringway | 334 | 82111 | 68616 | 97909 | 854// | 07718 | 87713 | 88622 | |
| Squires Gate | 318 | 82217 | 60216 | 96508 | 852// | 08721 | 85704 | 86708 | 88615 |
| Ronaldsway | 204 | 82118 | 35586 | 94208 | 852// | 07717 | 82704 | 84617 | 88622 |
| Mull of Galloway | 131 | 82335 | 75504 | 91408 | 855// | 07732 | 88620 | | |
| Eskdalemuir | 162 | 81912 | 15536 | 91906 | 871// | 05637 | 88702 | | |
| Prestwick | 135 | 82320 | 56606 | 89808 | 872// | 08634 | 82704 | 84710 | 87712 |
| Abbotsinch | 140 | 82416 | 58586 | 88806 | 852// | 05645 | 81705 | 83708 | 85624 |
| Leuchars | 171 | 81309 | 59606 | 89905 | 852// | 04752 | 82704 | 84705 | 88616 |
| Dyce | 091 | 71410 | 60211 | 89804 | 753// | 03841 | 83706 | 87610 | |
| Lerwick | 005 | 51518 | 84021 | 89004 | 58400 | 01843 | 84815 | | |
| Wick | 075 | 71517 | 80021 | 86005 | 3847/ | 01759 | 81818 | 83640 | 85359 |
| SFle Skerry | 010 | 71430 | 80012 | 84905 | 1257/ | 02759 | 81820 | 87458 | |
| Cape Wrath | 049 | 81815 | 70616 | 82804 | 874// | 03772 | 88712 | | |
| SWornoway | 026 | 82311 | 70216 | 82406 | 6541/ | 05644 | 82712 | 86632 | 88458 |
| Benbecula | 022 | 72427 | 62816 | 83605 | 734// | 05508 | 85912 | 84630 | |
| Tiree | 100 | 22322 | 66016 | 86307 | 18470 | 04607 | 81818 | | |
| Aldergrove | 917 | 72516 | 75606 | 92407 | 754// | 05506 | 83712 | 87645 | |
| Malin | 980 | 72530 | 58806 | 90007 | 784// | 04306 | 82714 | 85817 | 86645 |
| Belmullet | 976 | 52220 | 72256 | 91909 | 535// | 03007 | 85920 | | |
| Birr | 965 | 62510 | 70036 | 97308 | 685// | 03112 | 83820 | 85632 | |
| Dublin | 969 | 62520 | 70216 | 95409 | 555/2 | 05502 | 83620 | 84645 | |
| Shannon | 962 | 12620 | 70016 | 98408 | 18501 | 04307 | 81820 | | |
| Roches Point | 952 | 22314 | 70016 | 01009 | 23402 | 07306 | 82917 | | |
| Valentia | 953 | 52316 | 70038 | 00508 | 53500 | 04301 | 85920 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 95051 | 05 | $ir_or_odrd_o$ | $d_oid_o$ |
| Hurn | 862 | 02071 | 06 | $r_or_ord_o$ | $d_or_o-r_od_o$ |
| Manston | 797 | 02061 | 04 | $r_or_od_o$ | $d_od_oid_or_or_o$ |
| Gatwick | 776 | 02061 | 05 | $r_or_orrd_or_od_o$ | $r_od_o-d_or_o$ |
| Kew | 775 | 01061 | 05 | $r_or_orr_o$ | $r_or$ |
| Heathrow | 772 | 01061 | 05 | $r_or_od_or_o$ | $r_or_oid_or_o$ |
| Honington | 586 | 03051 | 05 | $ir_or_or_o$ | $rr_ord_or_od_or_o$ |
| Wattisham | 590 | 02051 | 03 | $r_or_o$ | $rr_or_od_or_o$ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 01061 | 06 | $r_or_od_od_o$ | $r_or_od_od_or_o$ |
| Filton | 628 | 03061 | 05 | $r_or_od_od_od_or_o$ | $d_or_odrdrd_oid_o$ |
| Rhoose | 715 | 07062 | 05 | $r_od_or_or-rrr_o$ | $r_or_orr_or_od_o$ |
| Hartland Point | 703 | 03082 | 08 | | |
| Mount Batten | 827 | 03091 | 08 | $d_or_od_or_o-r_o$ | $d_or_oRrd_od_o$ |
| St.Mawgan | 817 | 04091 | 06 | $r_or_orr$ | $r_or_od_or_od_or_o$ |
| Scilly | 804 | 01082 | 09 | $r_o$ | $r_od_orr$ |
| Culdrose | 809 | 02092 | 08 | $r_or_o$ | $ir_or_or_orrid_o$ |
| Guernsey | 894 | 05071 | 06 | rrff | $d_od_ofd_or_o$ |
| Elmdon | 534 | 93061 | 05 | $r_or_oir_o$ | $ir_o$ |
| Cardington | 559 | 01061 | 05 | $ir_o$ | $r_or_oir_o$ |
| Wittering | 462 | 97061 | 05 | + | $ir_o$ |
| Watnall | 354 | 91051 | 03 | $r_od_od_o$ | $r_or_od_o$ |
| Shawbury | 414 | 93061 | 05 | $r_or_o$ | $d_od_or_od_or_o$ |
| Finningley | 360 | 00061 | 03 | + | + |
| Spurn Point | 396 | | | $ir_o$ | $ir_or_or_oid_od_od_o$ |
| Leeming | 257 | 97051 | 03 | + | $r_or_opr_o$ |
| Tynemouth | 262 | 97061 | 04 | + | pr |
| Carlisle | 222 | 03051 | 03 | $ir_od_or_o$ | $drd_or_orir_oRr$ |
| Valley | 302 | 01071 | 06 | $d_or_o$ | $d_od_opr_o$ |
| Ringway | 334 | 01061 | 04 | $r_od_or_o$ | $d_or_or_or$ |
| Squires Gate | 318 | 03061 | 05 | $r_or_ordrR$ | $r_odrrRd_or_o$ |
| Ronaldsway | 204 | 03071 | 05 | $r_or_odrdrd_o$ | $r_or_od_or_odr$ |
| Mull of Galloway | 131 | 01051 | | | |
| Eskdalemuir | 162 | 08031 | 01 | $pr_od_or_od_of$ | $fddrr_oph_o$ |
| Prestwick | 135 | 04051 | 04 | $r_or_o$ | $rr_or_o$ |
| Abbotsinch | 140 | 06041 | 02 | $d_or_o$ | drrrpr$_o$ |
| Leuchars | 171 | 03031 | 01 | $r_o$ | $r_orpr_o$ |
| Dyce | 091 | 96001 | 53 | + | $ir_or_or_o$ |
| Lerwick | 005 | 00031 | 00 | + | + |
| Wick | 075 | 02512 | 55 | + | $ir_orr$ |
| SFle Skerry | 010 | 03032 | 00 | | |
| Cape Wrath | 049 | 02022 | 00 | + | $r_or_o$ |
| SWornoway | 026 | 03011 | 52 | $r_o$ | $r_or_orrir$ |
| Benbecula | 022 | 05031 | 50 | $r_or_or$ | $phprpr_o$ |
| Tiree | 100 | 05041 | 02 | $r_or_orR$ | $r_orphr$ |
| Aldergrove | 917 | 02051 | 03 | $r_od_or_od_or_o-r_o$ | $r_or_oRir_o$ |
| Malin | 980 | 0205 | 04 | | |
| Belmullet | 976 | 0606 | 04 | | |
| Birr | 965 | 0407 | 05 | | |
| Dublin | 969 | 0206 | 05 | | |
| Shannon | 962 | 0708 | 05 | | |
| Roches Point | 952 | 0108 | 06 | | |
| Valentia | 953 | 0707 | 05 | | |

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_{sa}pp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 27001 | 82726 | 95078 | 91001 | 834// | 00156 | ///// | ///// | 05851 | 10609 | 3//18 | 27/27 |
| CLMR | 99652 | 10022 | 27004 | 30608 | 97031 | 94704 | 38501 | 00500 | 81825 | 83640 | 0//02 | 10631 | 30201 | 22004 |
| CLMR | 99470 | 70174 | 27004 | 82336 | 96032 | 12412 | 864// | 61611 | 86710 | 88615 | 0//12 | 11135 | 30912 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_{sa}pp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 27061 | 62722 | 97011 | 92501 | 62500 | 00801 | ///// | ///// | 05853 | 10609 | 3//14 | 27/21 |
| CLMR | 99651 | 10021 | 27064 | 20907 | 97021 | 93804 | 28540 | 00805 | 81825 | ///// | 0//02 | 10600 | 30201 | 99/03 |
| CLMR | 99470 | 70177 | 27064 | 72726 | 97022 | 12611 | 784// | 71400 | 82810 | 86615 | 0//07 | 11130 | 30504 | 23014 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42495

Date of Issue TUESDAY 28 MARCH 1978

## OBSERVATIONS at 12h. 27 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82619 | 80806 | 06311 | 884// | 06211 | 84815 | 88640 | |
| Hurn | 862 | 62516 | 80216 | 07412 | 684// | 10311 | 83815 | 85620 | |
| Manston | 797 | 82317 | 62036 | 06111 | 863// | 10305 | 83707 | 88709 | |
| Gatwick | 776 | 72420 | 68016 | 06411 | 763// | 10005 | 82708 | 87712 | |
| Kew | 775 | 72415 | 60806 | 05113 | 784// | 09305 | 83712 | 86818 | |
| Heathrow | 772 | 72510 | 58806 | 05311 | 724// | 11308 | 82711 | 87815 | |
| Honington | 586 | 72323 | 80026 | 02213 | 784// | 09102 | 83818 | 87656 | |
| Wattisham | 590 | 72420 | 75216 | 03212 | 754// | 09306 | 86613 | 87635 | |
| Gorleston | 497 | 82414 | 66026 | 01812 | 855// | 09400 | 88625 | | |
| Aberporth | 502 | 12522 | 70016 | 04410 | 11501 | 05118 | 81820 | | |
| Filton | 628 | 72520 | 78036 | 06111 | 68531 | 06119 | 84820 | 84648 | |
| Rhoose | 715 | 32519 | 64016 | 05911 | 38401 | 07118 | 81710 | | |
| Hartland Point | 703 | 52625 | 66016 | 07509 | 32241 | 07224 | 81705 | 83825 | |
| Mount Batten | 827 | 72512 | 68216 | 09610 | 5847/ | 07217 | 82818 | 85635 | 87358 |
| St.Mawgan | 817 | 52522 | 60016 | 09211 | 58400 | 08216 | 83815 | 85636 | |
| Scilly | 804 | 22520 | 60016 | 10011 | 25300 | 09212 | 82607 | | |
| Culdrose | 809 | 72616 | 65056 | 10210 | 756// | 08218 | 87640 | | |
| Guernsey | 894 | 82420 | 03516 | 12809 | 870// | 09210 | 88700 | | |
| Elmdon | 534 | 52719 | 80256 | 02412 | 58600 | 03317 | 83830 | | |
| Cardington | 559 | 52326 | 68016 | 02314 | 42570 | 10102 | 84825 | 84360 | |
| Wittering | 462 | 62626 | 84036 | 00715 | 685// | 06203 | 85825 | | |
| Watnall | 354 | 32518 | 75256 | 00613 | 28501 | 06216 | 82820 | | |
| Shawbury | 414 | 22623 | 75016 | 01812 | 22501 | 04223 | 82820 | | |
| Finningley | 360 | 12618 | 81016 | 99213 | 12500 | 04218 | 81825 | | |
| Spurn Point | 396 | 72415 | 60606 | 98510 | 6244/ | 07110 | 86815 | 84360 | |
| Leeming | 257 | 12527 | 80018 | 97211 | 11600 | 03326 | 81830 | | |
| Tynemouth | 262 | 22625 | 69028 | 94411 | 21500 | 51215 | 82820 | | |
| Carlisle | 222 | 52618 | 70026 | 96110 | 42430 | 04226 | 82715 | 83820 | |
| Valley | 302 | 12125 | 68038 | 01310 | 18400 | 07219 | 81818 | | |
| Ringway | 334 | 42813 | 75016 | 00511 | 48500 | 03223 | 84826 | | |
| Squires Gate | 318 | 12518 | 75016 | 99610 | 12500 | 05125 | 81825 | | |
| Ronaldsway | 204 | 22418 | 72036 | 97910 | 18502 | 05114 | 81820 | | |
| Mull of Galloway | 131 | 32724 | 80031 | 95410 | 32500 | 06216 | 83820 | | |
| Eskdalemuir | 162 | 42123 | 65158 | 94509 | 42500 | 01123 | 84825 | | |
| Prestwick | 135 | 22521 | 75016 | 93511 | 28500 | 02113 | 81828 | | |
| Abbotsinch | 140 | 72424 | 75808 | 91609 | 794// | 04109 | 81916 | 86822 | |
| Leuchars | 171 | 52426 | 70158 | 90411 | 49503 | 02214 | 81920 | 83070 | |
| Dyce | 091 | 62615 | 86036 | 87709 | 18532 | 00307 | 81825 | 83360 | 85068 |
| Lerwick | 005 | 81721 | 50638 | 83802 | 853// | 02828 | 85706 | 88626 | |
| Wick | 075 | 52215 | 84016 | 84809 | 41532 | 02305 | 84820 | | |
| Sule Skerry | 010 | 32321 | 80011 | 83407 | 22570 | 05209 | 82820 | 83360 | |
| Cape Wrath | 049 | 52719 | 82026 | 82706 | 39403 | 04206 | 83915 | 85070 | |
| Stornoway | 026 | 72222 | 70158 | 83409 | 69402 | 04207 | 81916 | 83818 | 85625 |
| Benbecula | 022 | 22123 | 80018 | 84109 | 19402 | 05203 | 81916 | | |
| Tiree | 100 | 22325 | 62278 | 87909 | 29400 | 04208 | 81916 | | |
| Aldergrove | 917 | 32321 | 84016 | 95309 | 31640 | 05214 | 83830 | | |
| Malin | 980 | 72341 | 60908 | 91906 | 794// | 03115 | 87918 | | |
| Belmullet | 976 | 22221 | 69278 | 93208 | 23500 | 04109 | 81920 | | |
| Birr | 965 | 52422 | 81038 | 99611 | 525// | 02110 | 85822 | | |
| Dublin | 969 | 52225 | 80038 | 98510 | 52500 | 50113 | 85823 | | |
| Shannon | 962 | 32522 | 70258 | 00610 | 38500 | 04211 | 82820 | | |
| Roches Point | 952 | 72228 | 75808 | 03510 | 734// | 05111 | 86915 | | |
| Valentia | 953 | 22325 | 75018 | 02710 | 28500 | 03211 | 81825 | | |

## OBSERVATIONS at 18h. 27 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32513 | 80018 | 08909 | 11601 | 02215 | 81830 | 83075 | |
| Hurn | 862 | 62417 | 65018 | 09710 | 15531 | 07216 | 81625 | 86075 | |
| Manston | 797 | 52414 | 68018 | 08111 | 24501 | 07319 | 81820 | 84078 | |
| Gatwick | 776 | 52512 | 81038 | 08811 | 44601 | 07320 | 81830 | 84635 | |
| Kew | 775 | 32513 | 82038 | 08211 | 28601 | 01221 | 81840 | | |
| Heathrow | 772 | 32511 | 81028 | 08211 | 14601 | 03220 | 81645 | 83080 | |
| Honington | 586 | 12415 | 82018 | 05411 | 11601 | 02322 | 81830 | | |
| Wattisham | 590 | 22519 | 80011 | 06011 | 15601 | 04222 | 81640 | | |
| Gorleston | 497 | 12512 | 66011 | 05212 | 11500 | 02224 | 81825 | | |
| Aberporth | 502 | 42220 | 62021 | 05609 | 38530 | 05307 | 83820 | | |
| Filton | 628 | 12613 | 80021 | 08309 | 18531 | 03211 | 81820 | | |
| Rhoose | 715 | 12419 | 68020 | 07609 | 18431 | 04305 | 81818 | | |
| Hartland Point | 703 | 32328 | 66031 | 07609 | 11631 | 06803 | 81830 | 83360 | |
| Mount Batten | 827 | 42424 | 62051 | 10410 | 38501 | 07003 | 82825 | | |
| St.Mawgan | 817 | 32319 | 65011 | 09910 | 28401 | 07000 | 81818 | 83070 | |
| Scilly | 804 | 72318 | 50021 | 10110 | 755// | 08000 | 87626 | | |
| Culdrose | 809 | 62414 | 58051 | 10209 | 68401 | 08801 | 82818 | 85630 | |
| Guernsey | 894 | 82415 | 60026 | 13309 | 852// | 09003 | 81703 | 83705 | 87640 |
| Elmdon | 534 | 32419 | 80018 | 05610 | 38601 | 01216 | 83830 | | |
| Cardington | 559 | 22320 | 65011 | 06211 | 18601 | 03221 | 81835 | | |
| Wittering | 462 | 12413 | 83011 | 04911 | 11600 | 01320 | 81835 | | |
| Watnall | 354 | 12514 | 82020 | 03810 | 11600 | 02014 | 81835 | | |
| Shawbury | 414 | 62420 | 66031 | 04610 | 685// | 03221 | 84822 | 84630 | |
| Finningley | 360 | 12416 | 77021 | 02011 | 14600 | 01214 | 81840 | | |
| Spurn Point | 396 | 22514 | 68026 | 02011 | 22500 | 02218 | 82820 | | |
| Leeming | 257 | 32520 | 80031 | 99509 | 21602 | 02311 | 82840 | | |
| Tynemouth | 262 | 12520 | 69020 | 98010 | 10930 | 01217 | 81358 | | |
| Carlisle | 222 | 52417 | 70251 | 98008 | 53632 | 03113 | 82920 | 83645 | |
| Valley | 302 | 62128 | 68031 | 01708 | 685// | 06304 | 82822 | 86645 | |
| Ringway | 334 | 32516 | 75011 | 03010 | 38630 | 02315 | 81835 | | |
| Squires Gate | 318 | 52217 | 65011 | 01509 | 48530 | 05214 | 81825 | 84645 | |
| Ronaldsway | 204 | 22412 | 75038 | 99308 | 28640 | 04106 | 81830 | | |
| Mull of Galloway | 131 | 22314 | 82010 | 97407 | 28500 | 04214 | 81825 | | |
| Eskdalemuir | 162 | 62020 | 75019 | 97606 | 685// | 04216 | 83825 | 84640 | |
| Prestwick | 135 | 72520 | 70158 | 95108 | 7356/ | 00306 | 81920 | 85645 | |
| Abbotsinch | 140 | 72419 | 65808 | 94107 | 7946/ | 03308 | 81914 | 84821 | 86645 |
| Leuchars | 171 | 22413 | 75018 | 93206 | 29403 | 03209 | 81916 | | |
| Dyce | 091 | 32219 | 86011 | 90008 | 18532 | 51209 | 81825 | | |
| Lerwick | 005 | 32515 | 65026 | 84206 | 12432 | 03302 | 81815 | 83072 | |
| Wick | 075 | 72013 | 86028 | 86907 | 38472 | 03215 | 81818 | 83630 | 85362 |
| Sule Skerry | 010 | 72334 | 80031 | 84408 | 48506 | 03204 | 82820 | 84625 | 87270 |
| Cape Wrath | 049 | 62730 | 70908 | 83705 | 43433 | 03203 | 84915 | 83070 | |
| Stornoway | 026 | 72219 | 65258 | 84707 | 794/2 | 04211 | 82914 | 85818 | |
| Benbecula | 022 | 42225 | 70258 | 84307 | 29463 | 03000 | 82915 | | |
| Tiree | 100 | 42328 | 61038 | 89107 | 29460 | 01208 | 82917 | | |
| Aldergrove | 917 | 22212 | 70258 | 96307 | 22500 | 03010 | 82820 | | |
| Malin | 980 | 72333 | 70801 | 93508 | 795// | 01314 | 86920 | 83650 | |
| Belmullet | 976 | 42216 | 72258 | 93307 | 43400 | 04610 | 81717 | 84920 | |
| Birr | 965 | 42315 | 82031 | 99509 | 48500 | 02802 | 82821 | | |
| Dublin | 969 | 22317 | 84258 | 99110 | 28500 | 02205 | 81824 | | |
| Shannon | 962 | 22422 | 82018 | 99609 | 28500 | 05806 | 81824 | | |
| Roches Point | 952 | 62018 | 70018 | 03209 | 684// | 06701 | 83818 | 85637 | |
| Valentia | 953 | 72222 | 75258 | 01109 | 785// | 05709 | 87825 | | |

## OBSERVATIONS during DAY

| Station | iii | $R_RR_TT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 92131 | 031 | $d_o$-$d_or_opr_o$ | ~~$d_or_opr_o$~~ + |
| Hurn | 862 | 93131 | 042 | $r_orpr_o$ | + |
| Manston | 797 | 92131 | 010 | $r_orr_oid_opr_o$ | $pr_o$ |
| Gatwick | 776 | 91131 | 013 | $d_o$-$r_opr_o$ | $pr_o$ |
| Kew | 775 | 97141 | 035 | $pr_o$ | + |
| Heathrow | 772 | 0114. | 029 | $pr_opr$ | + |
| Honington | 586 | 97141 | 029 | $pr_o$ | + |
| Wattisham | 590 | 91141 | 032 | $d_or_o$ | + |
| Gorleston | 497 | | 018 | | |
| Aberporth | 502 | 00111 | 072 | jp | + |
| Filton | 628 | 97121 | 063 | $id_o$ | + |
| Rhoose | 715 | 91111 | 059 | $d_o$-$r_o$ | + |
| Hartland Point | 703 | 97091 | 062 | | |
| Mount Batten | 827 | 97111 | 021 | $d_o$-$d_or_o$-$r_o$ | + |
| St.Mawgan | 817 | 91121 | 059 | $d_or_o$ | + |
| Scilly | 804 | 00121 | 044 | + | + |
| Culdrose | 809 | 01111 | 023 | $d_od_o$ | ir |
| Guernsey | 894 | 01101 | 000 | $d_or_offd_od_oF$ | + |
| Elmdon | 534 | 97141 | 040 | $r_opr_o$ | + |
| Cardington | 559 | 97151 | 051 | $ir_o$ | + |
| Wittering | 462 | 00151 | 052 | + | + |
| Watnall | 354 | 92131 | 071 | $d_or_orpr_o$ | + |
| Shawbury | 414 | 00131 | 077 | + | + |
| Finningley | 360 | 94140 | 065 | $r_or$ | + |
| Spurn Point | 396 | | | $ir_o$ | + |
| Leeming | 257 | 92111 | 075 | $pr_o$ | $pr_o$ |
| Tynemouth | 262 | 91121 | 089 | pr | + |
| Carlisle | 222 | 97111 | 062 | + | $pr_o$ |
| Valley | 302 | 91101 | 079 | $pr_o$ | $pr_o$ |
| Ringway | 334 | 00121 | 052 | + | + |
| Squires Gate | 318 | 00111 | 070 | + | + |
| Ronaldsway | 204 | 91111 | 081 | $pr_o$ | $pr_o$ |
| Mull of Galloway | 131 | 97101 | | | |
| Eskdalemuir | 162 | 03091 | 036 | $ph_ophpr_otl_o$ | $pr_opr$ |
| Prestwick | 135 | 02111 | 075 | ph | + |
| Abbotsinch | 140 | 01101 | 060 | $pr_oph_or$ | $pr_o$ |
| Leuchars | 171 | 04111 | 066 | $pr_opr$ | jp |
| Dyce | 091 | 97111 | 061 | $r_o$ | + |
| Lerwick | 005 | 04071 | 019 | $pr_or_os_orssrr$ | + |
| Wick | 075 | 97101 | 029 | $ir_o$ | $pr_o$ |
| Sule Skerry | 010 | 02082 | | | |
| Cape Wrath | 049 | 02072 | 056 | + | $ph_or_opr_o$ |
| Stornoway | 026 | 03091 | 049 | $pr_o$ | $pr_o$ |
| Benbecula | 022 | 95091 | 066 | $pr_o$ | $pr_o$ |
| Tiree | 100 | 95091 | 052 | $ph_or_o$ | $ph_or_o$ |
| Aldergrove | 917 | 96111 | 087 | $pr_oph_o$ | $pr_o$ |
| Malin | 980 | 0409 | 006 | | |
| Belmullet | 976 | 0110 | 069 | | |
| Birr | 965 | 9111 | 078 | | |
| Dublin | 969 | 9712 | 089 | | |
| Shannon | 962 | 9111 | 086 | | |
| Roches Point | 952 | 9611 | 069 | | |
| Valentia | 953 | 0111 | 066 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

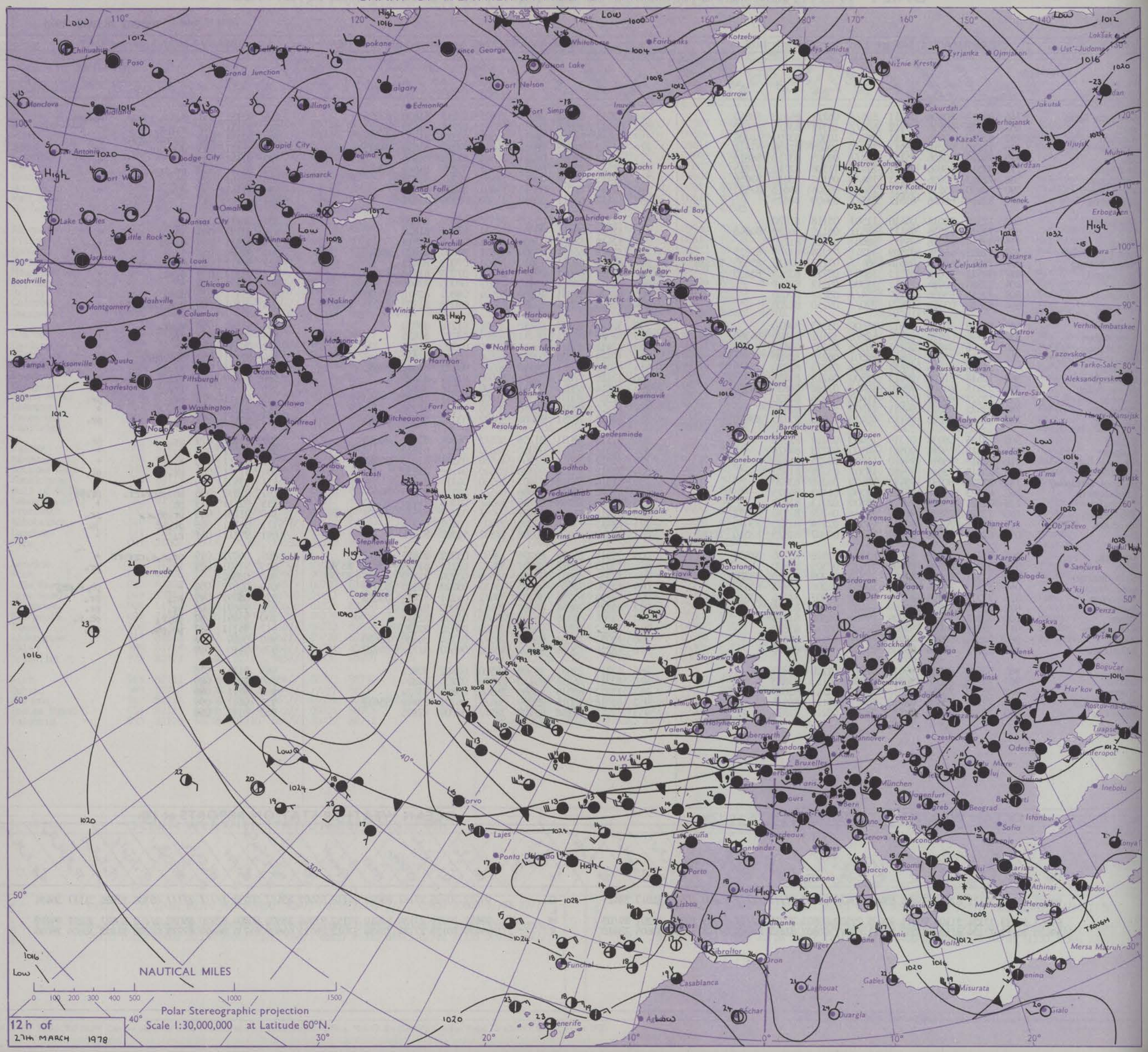
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 27121 | 82923 | 95858 | 89402 | 834// | 00607 | ///// | ///// | 05600 | 10599 | 31013 | 28419 |
| L | | | | | | | | | | | | | | |
| M | 99653 | 10023 | 27124 | 21308 | 99011 | 92605 | 22500 | 00805 | 82825 | ///// | 0//01 | 10581 | 30201 | 99/03 |
| R | 99470 | 70172 | 27124 | 82524 | 97032 | 12411 | 884// | 00802 | 81815 | 88640 | 0//08 | 11135 | 30605 | 28010 |

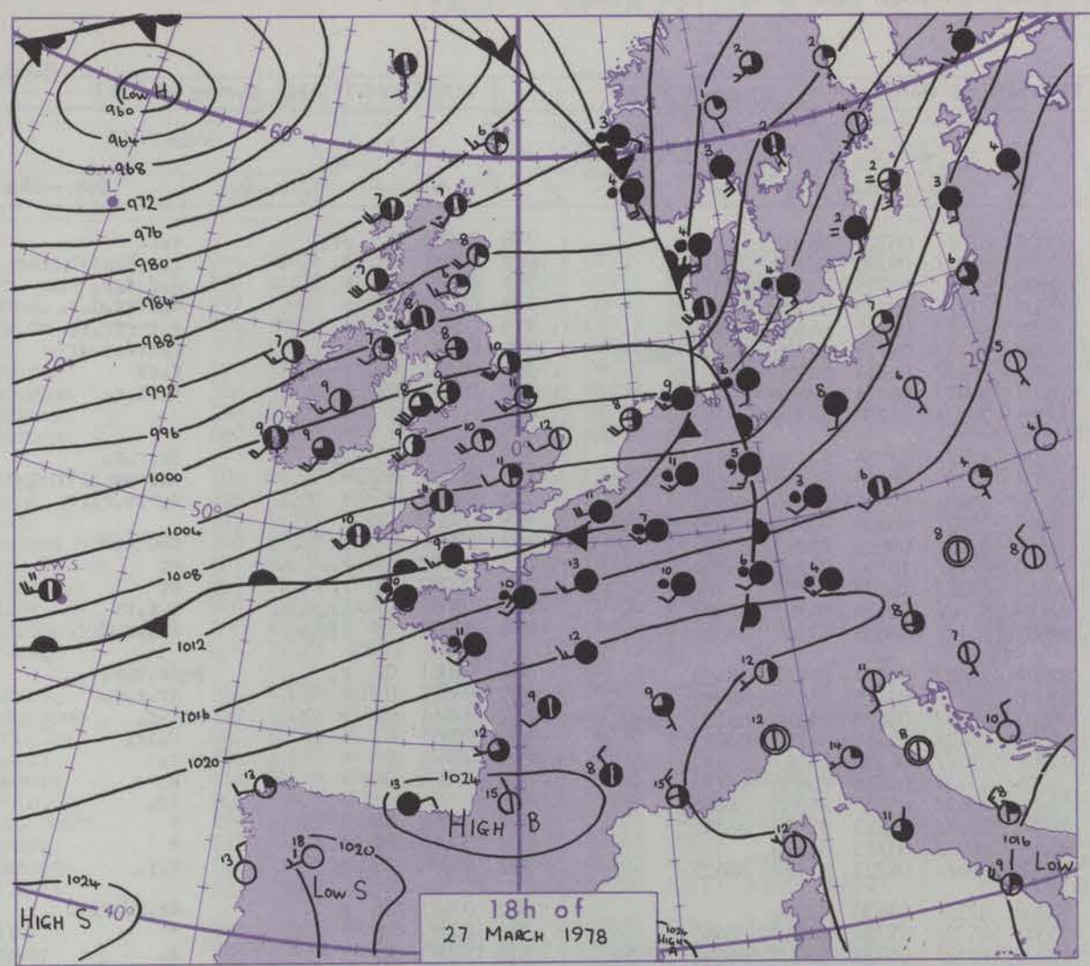
## OCEAN WEATHER STATION REPORTS at 18h.

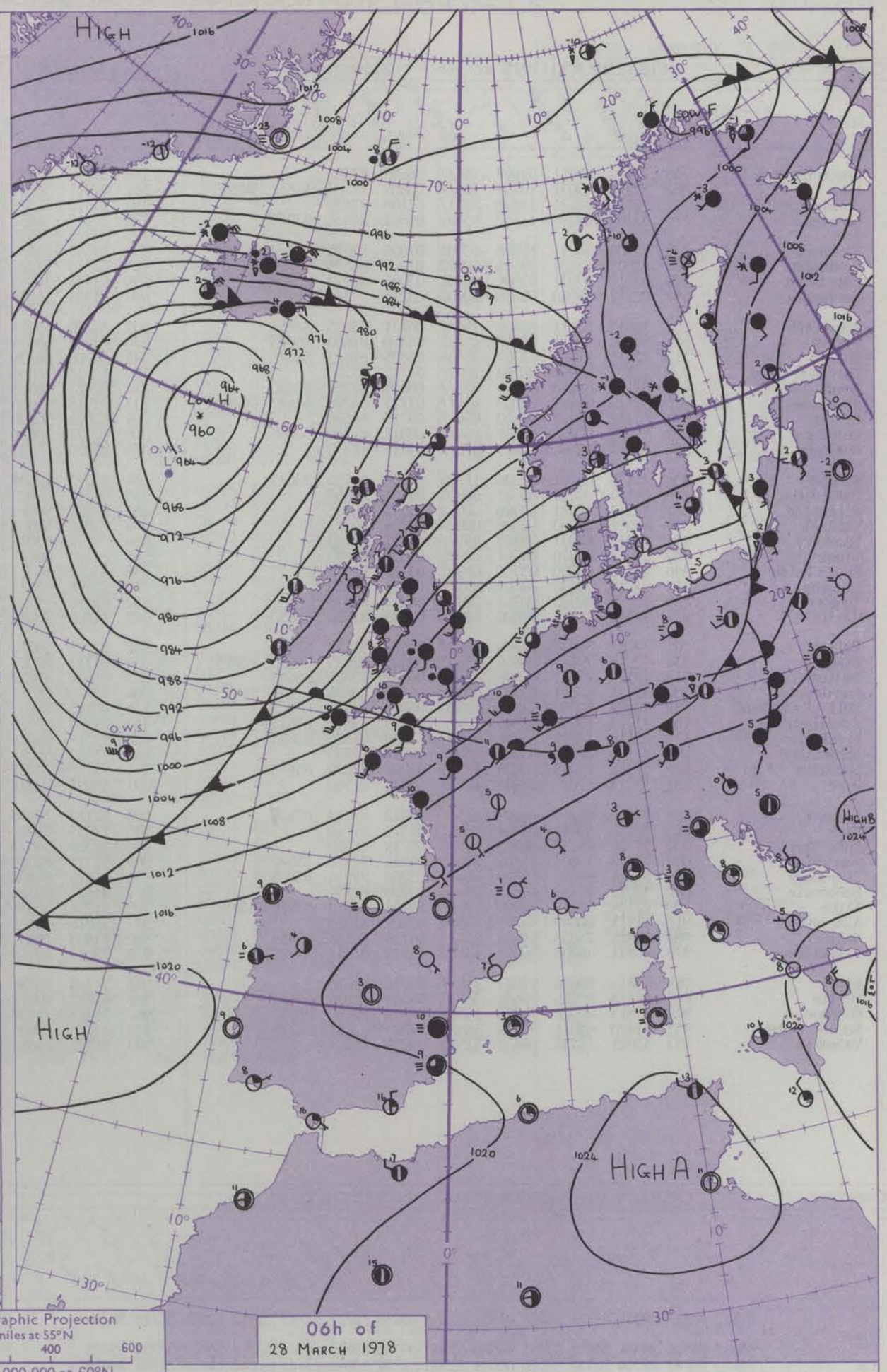
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 27181 | 83028 | 94278 | 95402 | 834// | 00253 | ///// | ///// | 05700 | 10606 | 31117 | 30424 |
| L | | | | | | | | | | | | | | |
| M | 99652 | 10023 | 27184 | 51010 | 98152 | 91204 | 28506 | 00804 | 82920 | 85070 | 0//02 | 10627 | 30201 | 99/03 |
| R | 99470 | 70173 | 27184 | 72426 | 97012 | 06511 | 65606 | 61735 | 86640 | 87270 | 0//09 | 11142 | 30606 | 28010 |

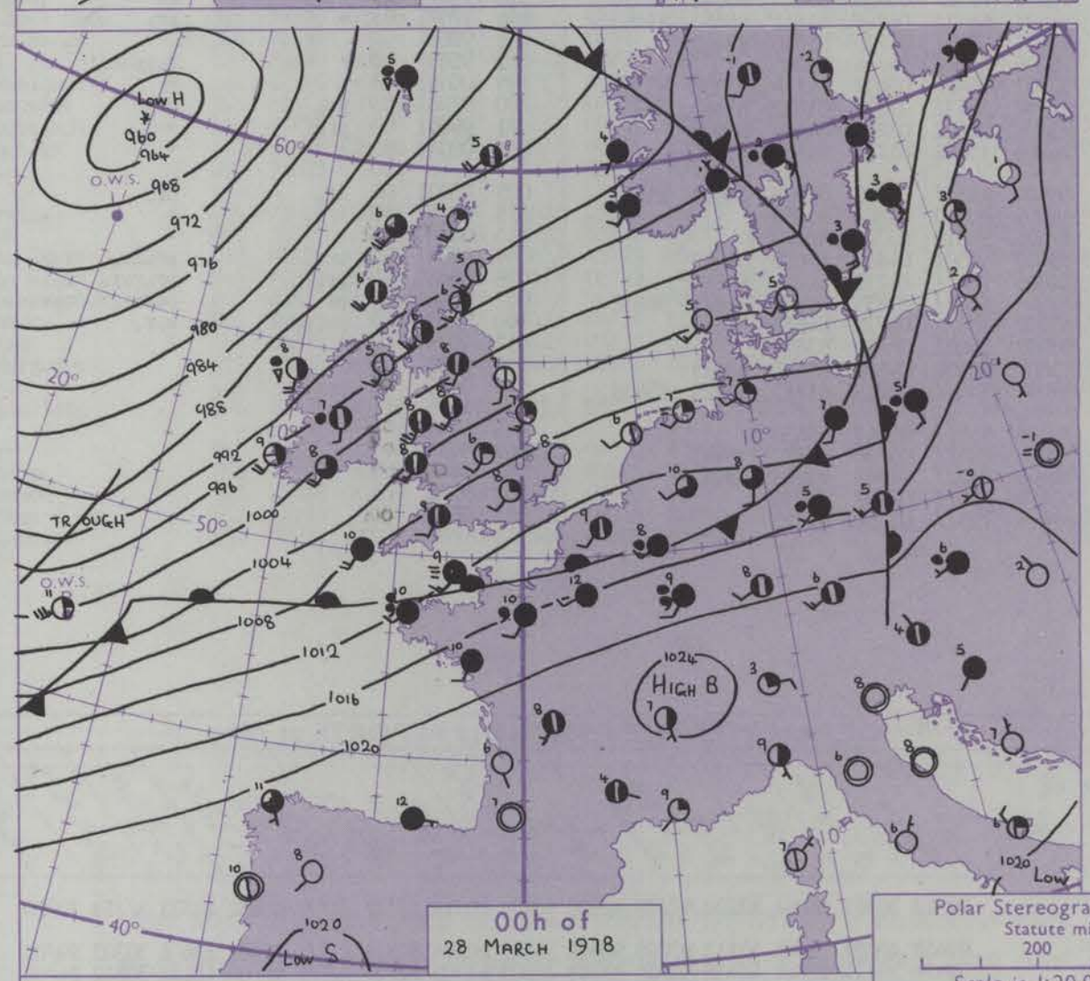
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 28 MARCH 1978

During the past 24 hours, frontal troughs within the circulation of a slow-moving deep depression south of Iceland crossed the British Isles. A wave developed on the cold front and reached southwestern parts towards the end of the period.

During the next 24 hours the depression is expected to move only very slowly eastwards whilst the developing wave will have crossed all districts except the Northern Isles by the end of the period.

## Code FM 11.V — OBSERVATIONS at 00h. 28 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71912 | 65011 | 09607 | 757// | 06805 | 87650 | | |
| Hurn | 862 | 82210 | 65031 | 10409 | 853// | 08802 | 85709 | 87617 | 88640 |
| Manston | 797 | 72111 | 62021 | 11608 | 757// | 07106 | 87650 | | |
| Gatwick | 776 | 52109 | 62031 | 11107 | 45401 | 06801 | 84613 | 83075 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 22208 | 58011 | 10008 | 00901 | 07000 | 82075 | | |
| Honington | 586 | 62009 | 75031 | 09106 | 00902 | 02109 | 86075 | | |
| Wattisham | 590 | 61912 | 70031 | 09606 | 00902 | 03006 | 86072 | | |
| Gorleston | 497 | 02112 | 66020 | 09308 | 00900 | 03215 | | | |
| Aberporth | 502 | 72015 | 65211 | 05108 | 756// | 06711 | 83635 | 87656 | |
| Filton | 628 | 62310 | 65011 | 08608 | 15701 | 05806 | 81650 | 86075 | |
| Rhoose | 715 | 42212 | 68031 | 07707 | 25504 | 05805 | 81620 | 84075 | |
| Hartland Point | 703 | 72525 | 60031 | 06609 | 7097/ | 07715 | 87360 | | |
| Mount Batten | 827 | 82112 | 60108 | 09009 | 853// | 08814 | 82707 | 88650 | |
| St.Mawgan | 817 | 82114 | 65021 | 08609 | 854// | 07713 | 83710 | 86627 | 88640 |
| Scilly | 804 | 82118 | 62022 | 07610 | 856// | 09719 | 88630 | | |
| Culdrose | 809 | 82216 | 60056 | 08609 | 854// | 08815 | 81710 | 88640 | |
| Guernsey | 894 | 82214 | 02464 | 12409 | 870// | 09815 | 88700 | | |
| Elmdon | 534 | 32110 | 65031 | 07206 | 15704 | 04801 | 81650 | 83075 | |
| Cardington | 559 | 52114 | 70031 | 08907 | 50910 | 04304 | 85460 | | |
| Wittering | 462 | 52115 | 75031 | 07406 | 00902 | 04005 | 85075 | | |
| Watnall | 354 | 42007 | 70030 | 06506 | 00904 | 02208 | 84075 | | |
| Shawbury | 414 | 81912 | 69031 | 05808 | 855// | 04801 | 88620 | | |
| Finningley | 360 | 22217 | 81020 | 04307 | 00902 | 03001 | 82075 | | |
| Spurn Point | 396 | 22114 | 68030 | 05307 | 00901 | 03111 | 82075 | | |
| Leeming | 257 | 81910 | 75038 | 02707 | 855// | 04213 | 88620 | | |
| Tynemouth | 262 | 22015 | 80030 | 00907 | 20930 | 04213 | 82358 | | |
| Carlisle | 222 | 72312 | 75021 | 99808 | 6853/ | 03106 | 81820 | 86650 | |
| Valley | 302 | 72027 | 59038 | 02408 | 28402 | 06807 | 81812 | 87072 | |
| Ringway | 334 | 72014 | 70031 | 04408 | 55602 | 03400 | 82635 | 84650 | 85075 |
| Squires Gate | 318 | 72113 | 75021 | 02908 | 785// | 04002 | 83822 | 86643 | |
| Ronaldsway | 204 | 32221 | 80031 | 99807 | 00902 | 05802 | 83070 | | |
| Mull of Galloway | 131 | 22335 | 80030 | 97207 | 25600 | 06806 | 82630 | | |
| Eskdalemuir | 162 | 71712 | 75038 | 98905 | 784// | 03703 | 83818 | 87645 | |
| Prestwick | 135 | 42117 | 70031 | 96306 | 38530 | 03703 | 81825 | 83635 | |
| Abbotsinch | 140 | 42120 | 70258 | 95207 | 48500 | 02503 | 82820 | | |
| Leuchars | 171 | 52114 | 70028 | 95806 | 58500 | 01008 | 82820 | 85645 | |
| Dyce | 091 | 12113 | 82020 | 93905 | 10930 | 01215 | 81360 | | |
| Lerwick | 005 | 72319 | 62216 | 87505 | 755// | 03212 | 85622 | 87637 | |
| Wick | 075 | 22118 | 80031 | 89704 | 10941 | 01313 | 81360 | | |
| Sule Skerry | 010 | 52026 | 66258 | 86905 | 59500 | 03211 | 85920 | | |
| Cape Wrath | 049 | 52328 | 74028 | 85705 | 39403 | 04211 | 83915 | 85070 | |
| Stornoway | 026 | 62124 | 60258 | 86306 | 69400 | 03206 | 82914 | 85818 | |
| Benbecula | 022 | 32021 | 70158 | 86507 | 39400 | 03206 | 83914 | | |
| Tiree | 100 | 72124 | 60258 | 89806 | 794// | 04801 | 81710 | 83916 | 85637 |
| Aldergrove | 917 | 11915 | 80020 | 96005 | 15500 | 02809 | 81628 | | |
| Malin | 980 | 51924 | 75038 | 91906 | 534// | 04716 | 84818 | 81918 | |
| Belmullet | 976 | 41821 | 86808 | 90808 | 43400 | 05719 | 81717 | 84920 | |
| Birr | 965 | 71810 | 66606 | 97907 | 756// | 04716 | 87630 | | |
| Dublin | 969 | 42115 | 80258 | 98608 | 38530 | 04609 | 81824 | 83635 | |
| Shannon | 962 | 71815 | 80038 | 96708 | 785// | 06822 | 82820 | 86650 | |
| Roches Point | 952 | 61920 | 65011 | 00008 | 564/2 | 07825 | 82711 | 84716 | |
| Valentia | 953 | 52021 | 75258 | 96809 | 52500 | 06729 | 85825 | | |

## OBSERVATIONS at 06h. 28 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 81712 | 45638 | 05008 | 870// | 08727 | 88701 | | |
| Hurn | 862 | 81917 | 50635 | 05809 | 872// | 09724 | 86705 | 88706 | |
| Manston | 797 | 81912 | 32502 | 09109 | 871// | 08716 | 83702 | 88703 | |
| Gatwick | 776 | 82013 | 56632 | 07309 | 872// | 09723 | 82704 | 88705 | |
| Kew | 775 | 81706 | 56636 | 06409 | 6732/ | 08822 | 86708 | 88545 | |
| Heathrow | 772 | 81607 | 56636 | 06309 | 7732/ | 08722 | 82706 | 86708 | 88550 |
| Honington | 586 | 81710 | 57022 | 06707 | 8097/ | 06714 | 88360 | | |
| Wattisham | 590 | 81712 | 58052 | 07407 | 8097/ | 06714 | 88459 | | |
| Gorleston | 497 | 71914 | 66021 | 07807 | 7097/ | 05709 | 87360 | | |
| Aberporth | 502 | 81820 | 65212 | 98208 | 823// | 07734 | 83708 | 88810 | |
| Filton | 628 | 81807 | 60616 | 03608 | 853// | 08730 | 84709 | 85614 | 88630 |
| Rhoose | 715 | 81806 | 34636 | 03108 | 5542/ | 07626 | 85616 | 88550 | |
| Hartland Point | 703 | 82018 | 70636 | 01409 | 5532/ | 08828 | 83709 | 85620 | 88460 |
| Mount Batten | 827 | 82025 | 40636 | 03109 | 872// | 09634 | 86703 | 88705 | |
| St.Mawgan | 817 | 81918 | 56636 | 01510 | 872// | 10736 | 83703 | 88704 | |
| Scilly | 804 | 82024 | 50636 | 00410 | 873// | 10739 | 88709 | | |
| Culdrose | 809 | 82122 | 50636 | 02110 | 870// | 10634 | 84701 | 88703 | |
| Guernsey | 894 | 81920 | 68026 | 08609 | 851// | 09616 | 82702 | 88614 | |
| Elmdon | 534 | 81812 | 60608 | 02907 | 2542/ | 06727 | 81712 | 88458 | |
| Cardington | 559 | 81914 | 60602 | 04908 | 6577/ | 08825 | 86650 | 88462 | |
| Wittering | 462 | 81812 | 64021 | 04607 | 4547/ | 06720 | 84616 | 85360 | 88464 |
| Watnall | 354 | 81812 | 60051 | 02807 | 2542/ | 05719 | 81710 | 88459 | |
| Shawbury | 414 | 81812 | 63022 | 01008 | 854// | 06730 | 83617 | 88640 | |
| Finningley | 360 | 81710 | 68021 | 01906 | 25737 | 04816 | 82656 | 88270 | |
| Spurn Point | 396 | 82017 | 64021 | 03106 | 4562/ | 05717 | 84630 | 88460 | |
| Leeming | 257 | 71714 | 62021 | 99306 | 2557/ | 04823 | 82625 | 86365 | |
| Tynemouth | 262 | 61820 | 69021 | 98307 | 6097/ | 03713 | 86360 | | |
| Carlisle | 222 | 81805 | 70031 | 96008 | 884// | 04723 | 81717 | 86625 | |
| Valley | 302 | 81727 | 58212 | 96808 | 873// | 07630 | 88706 | | |
| Ringway | 334 | 81713 | 70022 | 00507 | 4572/ | 05720 | 84650 | 88460 | |
| Squires Gate | 318 | 81614 | 75032 | 98308 | 7557/ | 05726 | 83628 | 86640 | 88359 |
| Ronaldsway | 204 | 72023 | 68011 | 94608 | 6547/ | 06728 | 81711 | 86650 | 87460 |
| Mull of Galloway | 131 | 82135 | 74601 | 91807 | 5561/ | 07735 | 85630 | 88460 | |
| Eskdalemuir | 162 | 81819 | 58026 | 95206 | 863// | 04724 | 88706 | | |
| Prestwick | 135 | 72119 | 65021 | 92107 | 4647/ | 05627 | 84716 | 83358 | 87362 |
| Abbotsinch | 140 | 71913 | 65021 | 91807 | 18532 | 03631 | 81822 | 83362 | 87070 |
| Leuchars | 171 | 72215 | 70031 | 93207 | 45602 | 03715 | 84634 | 86070 | |
| Dyce | 091 | 52223 | 82031 | 91206 | 15642 | 01720 | 81630 | 85070 | |
| Lerwick | 005 | 62112 | 70038 | 88904 | 4833/ | 02203 | 82708 | 83635 | 85362 |
| Wick | 075 | 12015 | 81021 | 89305 | 10930 | 02801 | 81359 | | |
| Sule Skerry | 010 | 32329 | 84038 | 87506 | 25510 | 03703 | 82620 | | |
| Cape Wrath | 049 | 52319 | 82028 | 85405 | 45501 | 04810 | 84620 | 85070 | |
| Stornoway | 026 | 71919 | 60808 | 84806 | 794// | 04710 | 81914 | 86818 | |
| Benbecula | 022 | 81622 | 60818 | 82506 | 883// | 05825 | 82708 | 86815 | 88618 |
| Tiree | 100 | 71726 | 60038 | 85307 | 754// | 05728 | 84612 | 87635 | |
| Aldergrove | 917 | 31816 | 70021 | 90407 | 35402 | 04733 | 83615 | | |
| Malin | 980 | 41833 | 75031 | 85607 | 43400 | 04639 | 82818 | 83635 | |
| Belmullet | 976 | 72019 | 69018 | 84007 | 734// | 05719 | 81717 | 84920 | 85638 |
| Birr | 965 | 51715 | 70036 | 89108 | 556// | 05847 | 85630 | | |
| Dublin | 969 | 61813 | 80021 | 92008 | 685// | 04738 | 82822 | 85640 | |
| Shannon | 962 | 71816 | 75808 | 88408 | 785// | 07747 | 83823 | 85640 | |
| Roches Point | 952 | 81726 | 50606 | 91409 | 874// | 08747 | 88710 | | |
| Valentia | 953 | 71922 | 75018 | 87409 | 725// | 07750 | 87825 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 06061 | 02 | pr₀ | r₀rr |
| Hurn | 862 | 10091 | 07 | d₀ | rrr₀Rr₀ |
| Manston | 797 | 01061 | 05 | + | d₀d₀r₀r₀-r₀r₀ |
| Gatwick | 776 | 05072 | 04 | + | d₀drrr₀d₀r₀ |
| Kew | 775 | 03082 | 03 | + | r₀r-rrr₀r₀ |
| Heathrow | 772 | 03081 | 05 | + | r₀rrd₀r₀dr |
| Honington | 586 | 01061 | 04 | + | r₀rr |
| Wattisham | 590 | 01051 | 03 | + | r₀rr₀r₀ |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 94061 | 05 | r₀ | ir₀r₀r₀ |
| Filton | 628 | 04071 | 04 | + | ~~r₀r₀r₀~~ r₀rrr₀r |
| Rhoose | 715 | 07072 | 05 | + | r₀rrr₀r₀rr₀ |
| Hartland Point | 703 | 09082 | 07 | | |
| Mount Batten | 827 | 12081 | 07 | pr | rRd₀r₀R |
| St.Mawgan | 817 | 08082 | 07 | r₀r | rr |
| Scilly | 804 | 09092 | 08 | rr | rr |
| Culdrose | 809 | 10082 | 07 | ir₀r₀r₀ | r₀r₀rr |
| Guernsey | 894 | 03091 | 08 | ffd₀r₀ | ffd₀r₀d₀r₀ |
| Elmdon | 534 | 92061 | 02 | r₀ | pr₀ir₀r₀r₀ |
| Cardington | 559 | 94061 | 03 | + | ir₀r₀r₀ |
| Wittering | 462 | 97051 | 03 | + | r₀r₀ |
| Watnall | 354 | 92051 | 02 | + | r₀ir₀ |
| Shawbury | 414 | 97071 | 05 | + | r₀ |
| Finningley | 360 | 97051 | 04 | + | r₀ |
| Spurn Point | 396 | | | + | ir₀ |
| Leeming | 257 | 00051 | 04 | + | + |
| Tynemouth | 262 | 00061 | 05 | + | + |
| Carlisle | 222 | 91071 | 03 | + | r₀r₀ |
| Valley | 302 | 01071 | 06 | + | ir₀id₀r₀r₀ |
| Ringway | 334 | 00071 | 06 | + | + |
| Squires Gate | 318 | 97071 | 05 | + | r₀ |
| Ronaldsway | 204 | 97071 | 05 | + | ir₀ |
| Mull of Galloway | 131 | 97031 | | | |
| Eskdalemuir | 162 | 92031 | 00 | + | r₀r₀ |
| Prestwick | 135 | 00061 | 03 | + | + |
| Abbotsinch | 140 | 97061 | 05 | pr₀ | pr₀ |
| Leuchars | 171 | 94051 | 03 | pr₀ | + |
| Dyce | 091 | 00041 | 02 | + | + |
| Lerwick | 005 | 95031 | 01 | ir₀ | pr₀ |
| Wick | 075 | 00041 | 00 | + | + |
| Sule Skerry | 010 | 03042 | 02 | | |
| Cape Wrath | 049 | 97041 | 03 | pr₀ | pr₀ir₀ |
| Stornoway | 026 | 06032 | 02 | pr₀ | pr₀rrr₀ |
| Benbecula | 022 | 07041 | 02 | pr | prrrr₀r₀drir₀ |
| Tiree | 100 | 03031 | 02 | pr₀phrl | r₀r₀ |
| Aldergrove | 917 | 00051 | 04 | + | + |
| Malin | 980 | 0205 | 04 | | |
| Belmullet | 976 | 0406 | 04 | | |
| Birr | 965 | 9707 | 05 | | |
| Dublin | 969 | 9707 | 04 | | |
| Shannon | 962 | 9407 | 04 | | |
| Roches Point | 952 | 9708 | 06 | | |
| Valentia | 953 | 0308 | 06 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | | 99527 | 70355 | 28001 | 83124 | 96278 | 07501 | 6345/ | 00254 | ///// | ///// | 05852 | 10608 | 3//16 | 30/24 |
| L | | | | | | | | | | | | | | | |
| M | | 99652 | 10022 | 28004 | 32211 | 97031 | 90504 | 32500 | 00503 | 83820 | ///// | 0//02 | 10627 | 30201 | 99/03 |
| R | | 99470 | 70169 | 28004 | 32333 | 97016 | 00011 | 35605 | 41732 | 83640 | ///// | 0//07 | 11135 | 30707 | 28010 |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hh_s$ | $8N_sC_hh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | | 99527 | 70355 | 28061 | 83220 | 97278 | 12600 | 6345/ | 00119 | ///// | ///// | 06052 | 10533 | 3//13 | 30/20 |
| L | | | | | | | | | | | | | | | |
| M | | 99652 | 10022 | 28064 | 51113 | 97028 | 90604 | 38502 | 00104 | 82820 | ///// | 0//03 | 10618 | 30302 | 99/02 |
| R | | 99470 | 70171 | 28064 | 32638 | 97028 | 97709 | 38509 | 61803 | 82820 | ///// | 0//04 | 11134 | 30812 | 24708 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

No. 42496 Date of Issue WEDNESDAY 29 MARCH 1978

## OBSERVATIONS at 12h. 28 March 1978

Code FM 11.V

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82026 | 59636 | 01809 | 853// | 08719 | 81709 | 87713 | 88618 |
| Hurn | 862 | 81822 | 58616 | 03510 | 6532/ | 09716 | 83707 | 85610 | 88556 |
| Manston | 797 | 72029 | 64026 | 06112 | 684/2 | 08717 | 81714 | 86656 | |
| Gatwick | 776 | 72222 | 68026 | 05211 | 6547/ | 08713 | 86617 | 87360 | |
| Kew | 775 | 82019 | 78026 | 03712 | 854// | 08712 | 86615 | 88622 | |
| Heathrow | 772 | 82024 | 60586 | 03511 | 854// | 09714 | 84716 | 88620 | |
| Honington | 586 | 81922 | 63026 | 02611 | 854// | 09717 | 86612 | 88618 | |
| Wattisham | 590 | 82023 | 64216 | 03311 | 854// | 08719 | 85710 | 88612 | |
| Gorleston | 497 | 81927 | 60026 | 03010 | 864// | 08721 | 88712 | | |
| Aberporth | 502 | 82027 | 62606 | 93209 | 7731/ | 08610 | 87708 | 88460 | |
| Filton | 628 | 82220 | 59636 | 99110 | 853// | 09723 | 82709 | 85711 | 88622 |
| Rhoose | 715 | 81919 | 65616 | 97711 | 854// | 08620 | 83614 | 88618 | |
| Hartland Point | 703 | 82532 | 56636 | 95810 | 872// | 09620 | 88703 | | |
| Mount Batten | 827 | 82034 | 48606 | 00210 | 7722/ | 09714 | 87704 | 88515 | |
| St.Mawgan | 817 | 82325 | 50636 | 98310 | 872// | 09614 | 84704 | 88706 | |
| Scilly | 804 | 82223 | 58216 | 97809 | 853// | 08706 | 85707 | 88618 | |
| Culdrose | 809 | 82127 | 25636 | 98809 | 871// | 09610 | 83702 | 85703 | 88705 |
| Guernsey | 894 | 72123 | 72022 | 06111 | 7553/ | 07712 | 82623 | 86650 | |
| Elmdon | 534 | 82020 | 61616 | 97611 | 854// | 09623 | 88611 | | |
| Cardington | 559 | 82026 | 57626 | 00712 | 6541/ | 09722 | 82710 | 86625 | 88460 |
| Wittering | 462 | 82025 | 81216 | 99211 | 854// | 09726 | 84711 | 88614 | |
| Watnall | 354 | 81920 | 60606 | 96811 | 874// | 09627 | 88713 | | |
| Shawbury | 414 | 81919 | 75616 | 94312 | 5542/ | 09735 | 82710 | 84622 | 88458 |
| Finningley | 360 | 71921 | 77216 | 95114 | 684/2 | 09840 | 81818 | 84622 | |
| Spurn Point | 396 | 81922 | 68606 | 97411 | 854// | 09732 | 84715 | 88630 | |
| Leeming | 257 | 81618 | 60602 | 92710 | 855// | 07740 | 88625 | | |
| Tynemouth | 262 | 71828 | 61021 | 91710 | 1557/ | 06740 | 81625 | 87358 | |
| Carlisle | 222 | 71717 | 63616 | 88709 | 55412 | 07749 | 81711 | 85625 | 87460 |
| Valley | 302 | 71936 | 50206 | 90210 | 653/2 | 08624 | 84706 | 86635 | |
| Ringway | 334 | 81920 | 70606 | 93813 | 7547/ | 10739 | 81710 | 87618 | 88462 |
| Squires Gate | 318 | 71920 | 62216 | 91412 | 784// | 08739 | 81712 | 83615 | 87620 |
| Ronaldsway | 204 | 82132 | 60206 | 86809 | 853// | 07547 | 81708 | 83714 | 88656 |
| Mull of Galloway | 131 | 82150 | 60606 | 81308 | 874// | 08770 | 88710 | | |
| Eskdalemuir | 162 | 81516 | 40636 | 87706 | 872// | 06748 | 88705 | | |
| Prestwick | 135 | 81813 | 50636 | 84008 | 854// | 07751 | 81712 | 83618 | 85626 |
| Abbotsinch | 140 | 81716 | 56638 | 84207 | 6542/ | 07849 | 82710 | 85625 | 88460 |
| Leuchars | 171 | 81615 | 59622 | 87208 | 885// | 05841 | 85820 | 88626 | |
| Dyce | 091 | 71623 | 70021 | 87409 | 7543/ | 05534 | 87613 | | |
| Lerwick | 005 | 71818 | 62031 | 88207 | 11402 | 05812 | 81815 | 87070 | |
| Wick | 075 | 31519 | 75011 | 84708 | 11532 | 05830 | 81825 | 83072 | |
| Sule Skerry | 010 | 81424 | 84028 | 83708 | 5561/ | 05723 | 85630 | 88458 | |
| Cape Wrath | 049 | 72314 | 84026 | 81408 | 4557/ | 06723 | 84620 | 87460 | |
| Stornoway | 026 | 71817 | 82256 | 80406 | 5847/ | 04817 | 82814 | 84621 | 87460 |
| Benbecula | 022 | 71715 | 83036 | 78907 | 5847/ | 04724 | 81817 | 85626 | 87461 |
| Tiree | 100 | 81819 | 60606 | 79706 | 7542/ | 05733 | 83710 | 84616 | 88458 |
| Aldergrove | 917 | 71820 | 80026 | 81310 | 58402 | 07748 | 82713 | 84616 | |
| Malin | 980 | | | | | | | | |
| Belmullet | 976 | 71718 | 70218 | 80307 | 734// | 05707 | 84716 | 83820 | 81920 |
| Birr | 965 | 62315 | 82256 | 86508 | 635// | 04310 | 83920 | 84636 | |
| Dublin | 969 | 72120 | 80258 | 84910 | 684/2 | 07625 | 81714 | 85632 | |
| Shannon | 962 | 22418 | 82256 | 86108 | 29500 | 05019 | 82920 | | |
| Roches Point | 952 | 12133 | 75256 | 89709 | 13402 | 03312 | 81817 | 81917 | |
| Valentia | 953 | 32230 | 80038 | 86510 | 32500 | 04802 | 83823 | | |

## OBSERVATIONS at 18h. 28 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 82125 | 58586 | 99509 | 873// | 08505 | 86706 | 88710 | |
| Hurn | 862 | 82022 | 40636 | 00709 | 853// | 09506 | 85708 | 88615 | |
| Manston | 797 | 72020 | 60032 | 03711 | 756/2 | 07608 | 87635 | | |
| Gatwick | 776 | 82124 | 58606 | 02111 | 854// | 07608 | 85616 | 88620 | |
| Kew | 775 | 82019 | 65606 | 01010 | 854// | 07605 | 87715 | 88640 | |
| Heathrow | 772 | 82019 | 59616 | 00810 | 854// | 09506 | 84615 | 86620 | 88650 |
| Honington | 586 | 81920 | 75026 | 00111 | 855// | 06608 | 88622 | | |
| Wattisham | 590 | 82123 | 70036 | 00811 | 854// | 07511 | 83618 | 88620 | |
| Gorleston | 497 | 81829 | 62022 | 00910 | 856// | 06705 | 88630 | | |
| Aberporth | 502 | 52124 | 75016 | 93908 | 28403 | 03304 | 82818 | 84070 | |
| Filton | 628 | 82316 | 75216 | 97809 | 5847/ | 07002 | 81710 | 83635 | 85360 |
| Rhoose | 715 | 72416 | 68216 | 97209 | 3847/ | 04303 | 81816 | 87359 | |
| Hartland Point | 703 | 72625 | 66016 | 96908 | 5843/ | 04310 | 82815 | 85630 | 87360 |
| Mount Batten | 827 | 72414 | 62016 | 99609 | 7547/ | 06303 | 81710 | 87632 | |
| St.Mawgan | 817 | 52118 | 70016 | 98109 | 28432 | 05400 | 81818 | 84075 | |
| Scilly | 804 | 32222 | 58016 | 97710 | 15502 | 05804 | 81621 | 83075 | |
| Culdrose | 809 | 62316 | 60018 | 98909 | 35612 | 06003 | 83640 | 83460 | 85070 |
| Guernsey | 894 | 82018 | 56516 | 03209 | 873// | 08608 | 82706 | 87711 | |
| Elmdon | 534 | 72315 | 70606 | 96109 | 754// | 05305 | 82712 | 87630 | |
| Cardington | 559 | 82023 | 67216 | 98110 | 854// | 08707 | 87615 | 88630 | |
| Wittering | 462 | 82022 | 56586 | 96909 | 873// | 08504 | 83708 | 88710 | |
| Watnall | 354 | 82118 | 70216 | 94810 | 2147/ | 07500 | 82816 | 88359 | |
| Shawbury | 414 | 72115 | 78256 | 94109 | 28548 | 05311 | 81820 | 83362 | 87272 |
| Finningley | 360 | 72324 | 60806 | 94009 | 784// | 06306 | 85815 | 87630 | |
| Spurn Point | 396 | 81925 | 60026 | 94711 | 854// | 07607 | 84715 | 88630 | |
| Leeming | 257 | 62014 | 84018 | 90809 | 28532 | 02306 | 81820 | 86070 | |
| Tynemouth | 262 | 72016 | 80026 | 89010 | 13534 | 50314 | 81925 | 83358 | 87075 |
| Carlisle | 222 | 22217 | 81018 | 88109 | 18532 | 03214 | 81824 | | |
| Valley | 302 | 11931 | 70011 | 90308 | 18501 | 05000 | 81820 | | |
| Ringway | 334 | 72214 | 80018 | 93210 | 38532 | 03312 | 81820 | 83640 | 86072 |
| Squires Gate | 318 | 72217 | 75028 | 91308 | 11502 | 04304 | 81822 | 87070 | |
| Ronaldsway | 204 | 12025 | 62018 | 88008 | 18402 | 04305 | 81817 | | |
| Mull of Galloway | 131 | 22035 | 81018 | 84007 | 25600 | 05809 | 82630 | | |
| Eskdalemuir | 162 | 61816 | 62028 | 87406 | 684// | 04319 | 83710 | 83817 | 86645 |
| Prestwick | 135 | 42116 | 80038 | 83609 | 38533 | 03009 | 81822 | 83645 | |
| Abbotsinch | 140 | 32215 | 75018 | 83407 | 18502 | 02119 | 81825 | | |
| Leuchars | 171 | 12320 | 84018 | 83908 | 18530 | 02326 | 81822 | | |
| Dyce | 091 | 22025 | 82018 | 80808 | 21500 | 03507 | 82822 | | |
| Lerwick | 005 | 81518 | 30602 | 79106 | 872// | 04858 | 86703 | 88708 | |
| Wick | 075 | 52031 | 70156 | 74106 | 59460 | 02659 | 81915 | 83820 | |
| Sule Skerry | 010 | 81424 | 58658 | 73107 | 874// | 06765 | 88715 | | |
| Cape Wrath | 049 | 82713 | 62636 | 75203 | 873// | 03722 | 88708 | | |
| Stornoway | 026 | 82015 | 70618 | 77303 | 5532/ | 03501 | 82706 | 85618 | 88458 |
| Benbecula | 022 | 31815 | 75256 | 76406 | 28402 | 04001 | 81812 | | |
| Tiree | 100 | 71720 | 75036 | 77807 | 685/2 | 05807 | 81820 | 86630 | |
| Aldergrove | 917 | 62024 | 65819 | 82808 | 694// | 03813 | 81710 | 86918 | |
| Malin | 980 | 52026 | 84256 | 78707 | 29563 | 04614 | 82920 | 83070 | |
| Belmullet | 976 | 62021 | 72808 | 77808 | 694// | 05301 | 82717 | 84920 | |
| Birr | 965 | 72111 | 80039 | 85107 | 795// | 04803 | 85920 | 84636 | |
| Dublin | 969 | 62020 | 62808 | 85809 | 684// | 03601 | 82718 | 84822 | |
| Shannon | 962 | 52318 | 82258 | 84709 | 23403 | 04503 | 81717 | 81924 | 84070 |
| Roches Point | 952 | 72032 | 65258 | 88508 | 594/3 | 05508 | 85916 | 83068 | |
| Valentia | 953 | 62322 | 75018 | 86209 | 52502 | 05206 | 85825 | | |

## OBSERVATIONS during DAY

| Station | iii | RRTxTE | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 04101 | 000 | $r_o$drd$_o$r$_o$r | rd$_o$r$_o$d$_o$ir$_o$dr |
| Hurn | 862 | 03111 | 000 | r$_o$r$_o$ | r$_o$r$_o$d$_o$r |
| Manston | 797 | 97131 | 037 | ir$_o$ | + |
| Gatwick | 776 | 02111 | 001 | d$_o$r$_o$r$_o$r$_o$ | r$_o$rr |
| Kew | 775 | 01121 | 000 | r$_o$d$_o$r$_o$r$_o$ir$_o$ | r$_o$r$_o$ |
| Heathrow | 772 | 02121 | 000 | d$_o$rd$_o$r$_o$d$_o$r$_o$r$_o$ | r$_o$rr$_o$r$_o$d$_o$r$_o$ |
| Honington | 586 | 97121 | 000 | r$_o$r$_o$-r$_o$ | r$_o$ir$_o$ |
| Wattisham | 590 | 91121 | 000 | r$_o$d$_o$r$_o$d$_o$r$_o$ | r$_o$ |
| Gorleston | 497 | | 000 | | |
| Aberporth | 502 | 01111 | 018 | r$_o$r$_o$ir$_o$ | pr$_o$ |
| Filton | 628 | 05111 | 000 | rr$_o$r$_o$rRrr$_o$ | rr$_o$rr$_o$ |
| Rhoose | 715 | 02111 | 000 | r$_o$r$_o$rr$_o$r$_o$rr$_o$ | ir$_o$ |
| Hartland Point | 703 | 07102 | 000 | | |
| Mount Batten | 827 | 08101 | 000 | Rrrr$_o$ | r$_o$R |
| St.Mawgan | 817 | 04111 | 004 | r-r$_o$r$_o$ | + |
| Scilly | 804 | 05111 | 006 | rr-ir$_o$ | + |
| Culdrose | 809 | 06092 | 001 | rrr$_o$r$_o$ | pr$_o$ |
| Guernsey | 894 | 05112 | 024 | + | id$_o$d$_o$r$_o$drrr |
| Elmdon | 534 | 03111 | 000 | r$_o$r$_o$r | rr$_o$R |
| Cardington | 559 | 02121 | 000 | r$_o$r$_o$id$_o$r | r$_o$r$_o$R |
| Wittering | 462 | 01111 | 000 | r$_o$r$_o$ | r$_o$r$_o$d$_o$r$_o$r$_o$ |
| Watnall | 354 | 94121 | 000 | r$_o$-r$_o$r$_o$ir$_o$ | ir$_o$r$_o$ |
| Shawbury | 414 | 01121 | 001 | r$_o$r$_o$r | r$_o$r$_o$pr$_o$ |
| Finningley | 360 | 01141 | 005 | d$_o$r$_o$ir$_o$ | r$_o$rRpr$_o$pr |
| Spurn Point | 396 | | | ir$_o$ | ir$_o$rr |
| Leeming | 257 | 93140 | 002 | r$_o$pr$_o$ | r$_o$pr |
| Tynemouth | 262 | 97131 | 015 | + | ir$_o$ |
| Carlisle | 222 | 01111 | 015 | r$_o$r$_o$pr$_o$ | + |
| Valley | 302 | 02101 | 032 | rrd$_o$d$_o$ | + |
| Ringway | 334 | 01131 | 004 | r$_o$rr$_o$ | pr$_o$pr |
| Squires Gate | 318 | 01121 | 010 | ir$_o$pr$_o$pR | prpr$_o$ |
| Ronaldsway | 204 | 01101 | 033 | rdrpr$_o$ | jp |
| Mull of Galloway | 131 | 02081 | | | |
| Eskdalemuir | 162 | 07082 | 006 | r$_o$r$_o$rrpr$_o$ | prpr$_o$ |
| Prestwick | 135 | 05111 | 030 | ir$_o$rrd$_o$r$_o$pr$_o$ | + |
| Abbotsinch | 140 | 10101 | 022 | pr$_o$rrDR | pr$_o$ir$_o$ |
| Leuchars | 171 | 03111 | 018 | pr$_o$rrr$_o$pr$_o$ | pr$_o$pr |
| Dyce | 091 | 02091 | 040 | h$_o$r$_o$rr$_o$r$_o$ | pR |
| Lerwick | 005 | 02081 | 049 | + | r$_o$r$_o$ |
| Wick | 075 | 02091 | 059 | r$_o$r$_o$ | r$_o$r$_o$rpr$_o$ |
| Sule Skerry | 010 | 13082 | | | |
| Cape Wrath | 049 | 12082 | 011 | ir$_o$rr | rrpr$_o$ |
| Stornoway | 026 | 04071 | 000 | r$_o$phrpr$_o$r$_o$ | r$_o$r$_o$pr$_o$ |
| Benbecula | 022 | 02071 | 010 | ir$_o$pr$_o$r$_o$ | r$_o$r$_o$prpr$_o$ |
| Tiree | 100 | 04081 | 016 | r$_o$r$_o$Rr | r$_o$phrr$_o$ |
| Aldergrove | 917 | 03112 | 033 | r$_o$r$_o$tl$_o$Rpr$_o$ | pr |
| Malin | 980 | 1009 | 031 | | |
| Belmullet | 976 | 0809 | 026 | | |
| Birr | 965 | 0311 | 042 | | |
| Dublin | 969 | 0112 | 049 | | |
| Shannon | 962 | 0511 | 050 | | |
| Roches Point | 952 | 0510 | 039 | | |
| Valentia | 953 | 0411 | 050 | | |

## OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

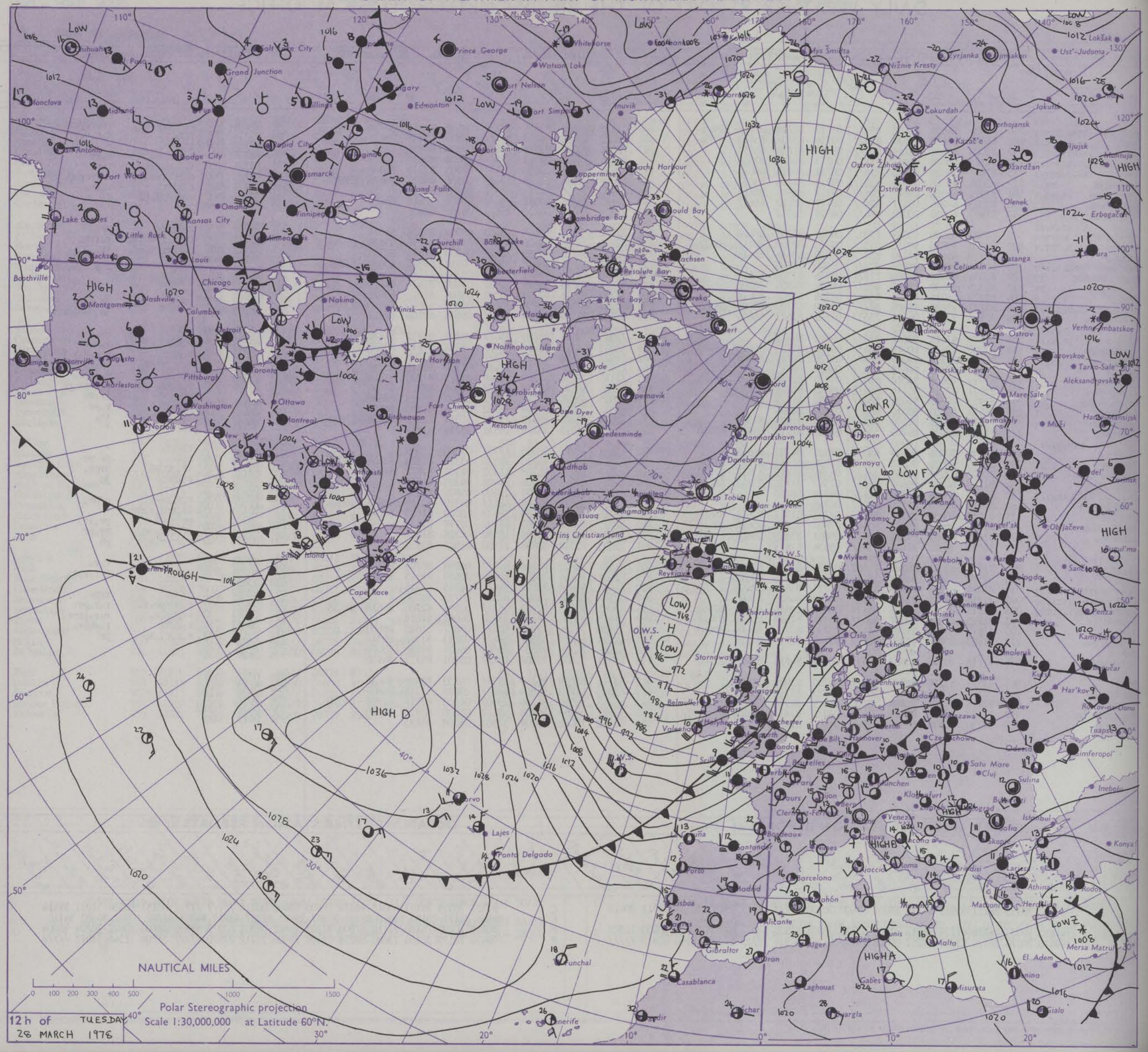
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 28121 | 62919 | 97278 | 15001 | 63400 | 00220 | ///// | ///// | 05757 | 10514 | 31011 | 30416 |
| L | | | | | | | | | | | | | | |
| M | 99652 | 10022 | 28124 | 41119 | 98011 | 91505 | 22532 | 00001 | 82825 | 83070 | 0//02 | 10627 | 30403 | 18803 |
| R | 99470 | 70174 | 28124 | 72835 | 97252 | 00009 | 794// | 61218 | 87916 | ///// | 0//05 | 11144 | 30913 | ///// |

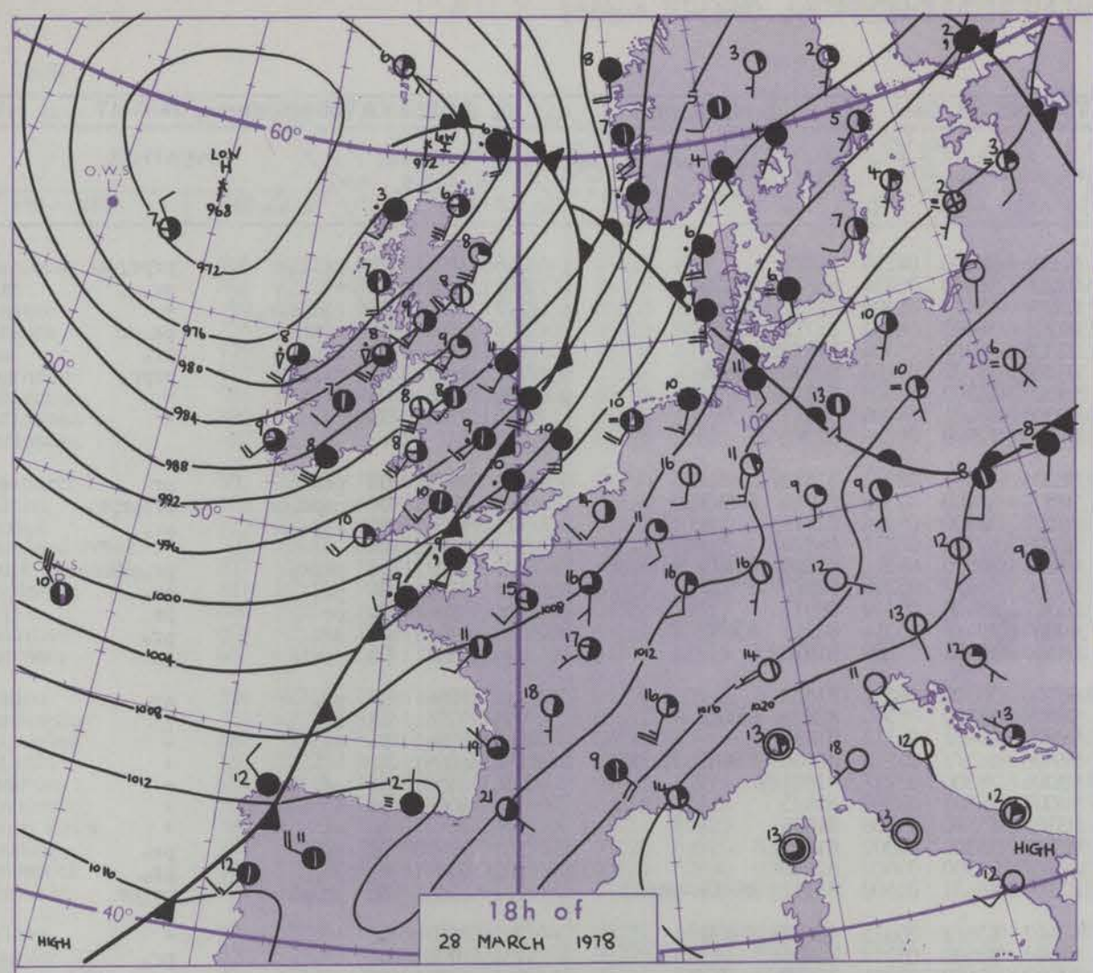
## OCEAN WEATHER STATION REPORTS at 18h.

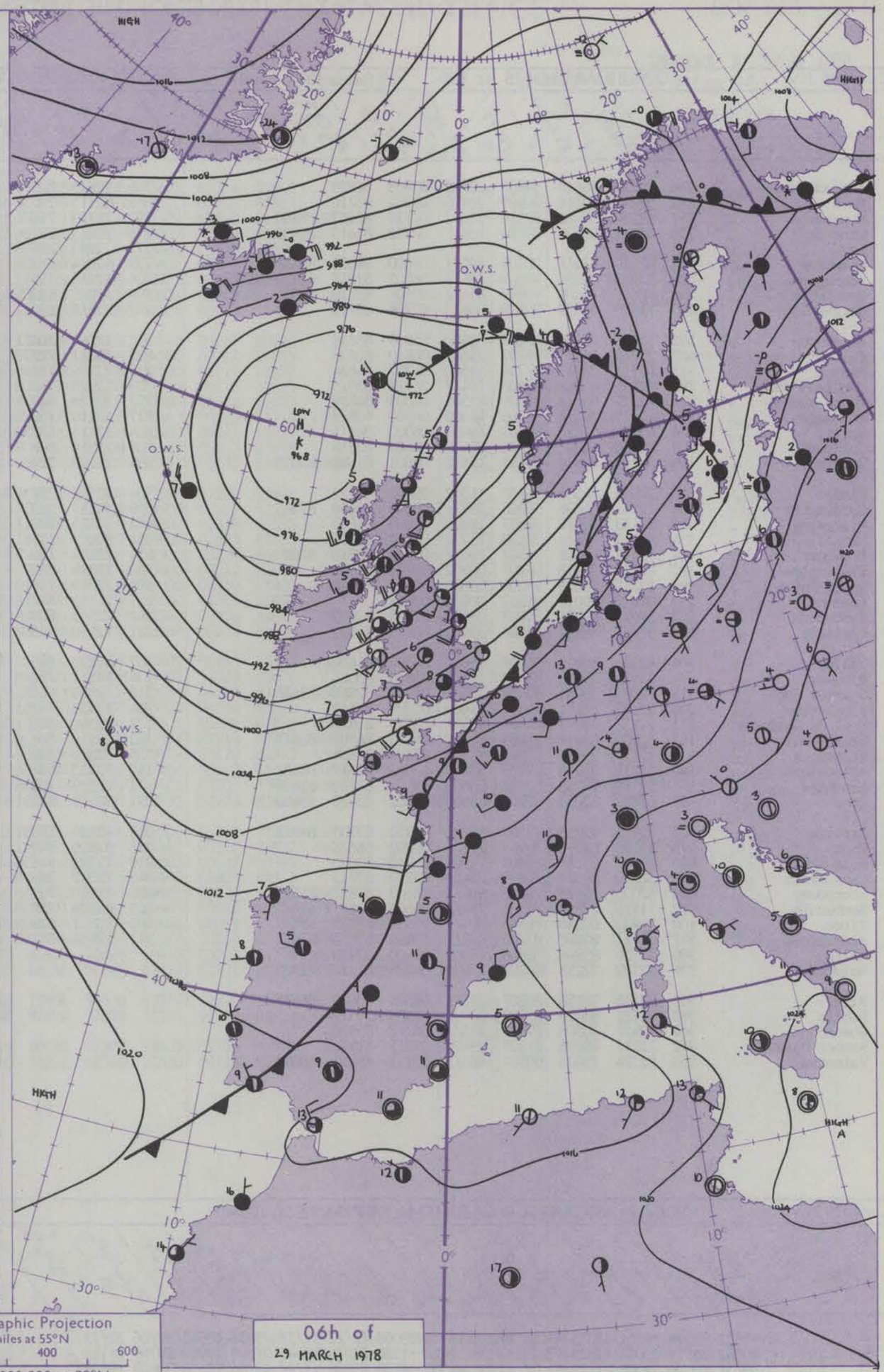
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sC_hs_hs$ | $8N_sC_hs_hs$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 28181 | 63018 | 96278 | 16600 | 63400 | 00214 | ///// | ///// | 06151 | 10584 | 31011 | 31414 |
| L | 99566 | 70171 | 28184 | 53210 | 99158 | 72107 | 59401 | 62327 | 81912 | 84815 | 0//02 | 10922 | 30502 | 24110 |
| M | 99655 | 10020 | 28184 | 71110 | 97808 | 91205 | 79402 | 00302 | 83918 | 85830 | 0//05 | 10622 | 30504 | 10804 |
| R | 99470 | 70170 | 28184 | 73030 | 98258 | 02409 | 79500 | 71212 | 87920 | ///// | 0//06 | 11146 | 31013 | ///// |

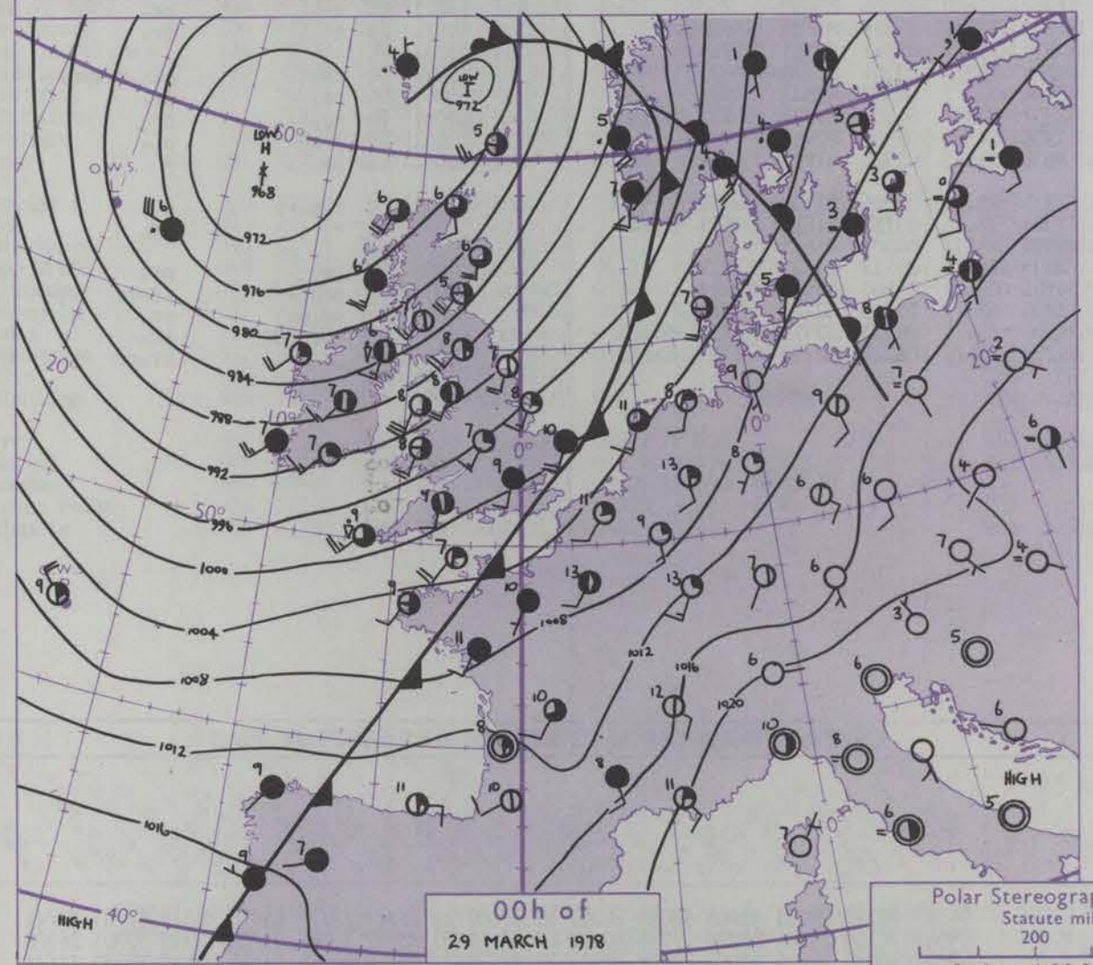
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 29 MARCH 1978

During the past 24 hours a deep low moved slowly east into sea area Bailey. An associated trough of low pressure to the southeast moved northeastwards, with a secondary low forming off Cromarty and moving north past Shetland.

During the next 24 hours, pressure will remain low to the north of Scotland leaving the British Isles under an unstable westerly airstream.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 29 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 22116 | 75018 | 99907 | 22500 | 05803 | 82820 | | |
| Hurn | 862 | 32211 | 70016 | 00909 | 36400 | 07702 | 83710 | | |
| Manston | 797 | 82216 | 65602 | 02310 | 854// | 07714 | 86613 | 88630 | |
| Gatwick | 776 | 82314 | 58636 | 01708 | 854// | 07702 | 81615 | 88635 | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 82010 | 68216 | 00509 | 4557/ | 07000 | 84620 | 88458 | |
| Honington | 586 | 72213 | 70256 | 99509 | 5847/ | 06502 | 81818 | 83650 | 87459 |
| Wattisham | 590 | 82017 | 65606 | 99909 | 854// | 07606 | 83710 | 83616 | 88656 |
| Gorleston | 497 | 81920 | 66022 | 99810 | 864// | 07708 | 88715 | | |
| Aberporth | 502 | 51920 | 70251 | 93108 | 52400 | 05808 | 85818 | | |
| Filton | 628 | 22215 | 80011 | 98107 | 25601 | 04810 | 82630 | | |
| Rhoose | 715 | 42114 | 70011 | 97708 | 45500 | 04707 | 84624 | | |
| Hartland Point | 703 | 72440 | 64898 | 95805 | 794// | 05711 | 87915 | | |
| Mount Batten | 827 | 42225 | 65018 | 99409 | 42500 | 06805 | 84822 | | |
| St.Mawgan | 817 | 42117 | 70258 | 98708 | 48400 | 06400 | 83816 | | |
| Scilly | 804 | 62324 | 62818 | 98509 | 69400 | 06303 | 86915 | | |
| Culdrose | 809 | 32418 | 64021 | 99108 | 32400 | 06601 | 83818 | | |
| Guernsey | 894 | 32218 | 80016 | 03507 | 15632 | 06601 | 81640 | 83075 | |
| Elmdon | 534 | 22016 | 84016 | 96407 | 15502 | 03808 | 81622 | | |
| Cardington | 559 | 72113 | 75036 | 98908 | 3577/ | 05305 | 83650 | 87365 | |
| Wittering | 462 | 22113 | 80018 | 97607 | 28400 | 05003 | 81813 | | |
| Watnall | 354 | 12013 | 70016 | 96106 | 11270 | 03801 | 81805 | | |
| Shawbury | 414 | 72113 | 66808 | 94307 | 784// | 05709 | 83816 | 87620 | |
| Finningley | 360 | 22017 | 77018 | 94207 | 00902 | 03705 | 82072 | | |
| Spurn Point | 396 | 22015 | 70026 | 96008 | 25600 | 04104 | 82630 | | |
| Leeming | 257 | 01817 | 80011 | 91207 | 00900 | 03811 | | | |
| Tynemouth | 262 | 32017 | 80021 | 90007 | 35600 | 02805 | 83635 | | |
| Carlisle | 222 | 32321 | 80251 | 87508 | 35600 | 04811 | 83630 | | |
| Valley | 302 | 42030 | 60011 | 90008 | 45600 | 06504 | 84630 | | |
| Ringway | 334 | 41915 | 75031 | 93007 | 35501 | 03610 | 83625 | | |
| Squires Gate | 318 | 72018 | 75031 | 90808 | 785// | 05708 | 82820 | 87656 | |
| Ronaldsway | 204 | 22127 | 64011 | 87207 | 25400 | 05705 | 81713 | | |
| Mull of Galloway | 131 | 12138 | 78018 | 84107 | 15500 | 05715 | 81620 | | |
| Eskdalemuir | 162 | 82025 | 58616 | 86405 | 853// | 04610 | 86709 | 88617 | |
| Prestwick | 135 | 12217 | 75011 | 83807 | 18500 | 03005 | 81824 | | |
| Abbotsinch | 140 | 52019 | 75256 | 82907 | 58400 | 03803 | 82819 | 84632 | |
| Leuchars | 171 | 52119 | 75258 | 83705 | 55600 | 03501 | 81630 | 85638 | |
| Dyce | 091 | 61820 | 82038 | 82206 | 65500 | 03602 | 83620 | 86630 | |
| Lerwick | 005 | 52425 | 62216 | 77505 | 55200 | 03353 | 83705 | 84625 | |
| Wick | 075 | 61708 | 82018 | 79706 | 655// | 02002 | 86628 | | |
| Sule Skerry | 010 | 22318 | 82216 | 77907 | 22500 | 04210 | 82820 | | |
| Cape Wrath | 049 | 32310 | 84028 | 76805 | 33400 | 03210 | 83915 | | |
| Stornoway | 026 | 62020 | 75038 | 75806 | 684// | 05803 | 83817 | 84625 | |
| Benbecula | 022 | 71915 | 72808 | 74505 | 784// | 04603 | 84817 | 87627 | |
| Tiree | 100 | 81923 | 60258 | 76506 | 884// | 05814 | 85815 | 88627 | |
| Aldergrove | 917 | 71917 | 65808 | 83106 | 784// | 03604 | 83815 | 87622 | |
| Malin | 980 | 32026 | 81808 | 78806 | 33500 | 04400 | 83920 | | |
| Belmullet | 976 | 22320 | 72258 | 80507 | 29400 | 04225 | 81717 | 81920 | |
| Birr | 965 | 72116 | 70258 | 86507 | 785// | 04305 | 83820 | 86635 | |
| Dublin | 969 | 02222 | 80018 | 85708 | 00900 | 03500 | | | |
| Shannon | 962 | 52427 | 70808 | 87607 | 535// | 06217 | 85920 | | |
| Roches Point | 952 | 22217 | 65258 | 91307 | 29400 | 04215 | 81916 | | |
| Valentia | 953 | 82324 | 75038 | 90507 | 885// | 03121 | 85825 | 88640 | |

## OBSERVATIONS at 06h. 29 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 22015 | 80031 | 00606 | 28500 | 04214 | 81820 | | |
| Hurn | 862 | 62115 | 70031 | 01708 | 58430 | 05214 | 83815 | 83640 | |
| Manston | 797 | 72223 | 77036 | 03207 | 6547/ | 05209 | 81712 | 86617 | |
| Gatwick | 776 | 32215 | 62156 | 02207 | 38403 | 06304 | 81712 | 83815 | |
| Kew | 775 | 72013 | 70038 | 01308 | 755// | 05304 | 87620 | | |
| Heathrow | 772 | 62014 | 68258 | 01008 | 58532 | 07205 | 83820 | 83630 | |
| Honington | 586 | 11918 | 75011 | 99807 | 18502 | 04308 | 81820 | | |
| Wattisham | 590 | 22020 | 65036 | 00306 | 28401 | 04206 | 82815 | | |
| Gorleston | 497 | 22016 | 66011 | 00208 | 20970 | 04210 | 82360 | | |
| Aberporth | 502 | 12017 | 70021 | 96206 | 18401 | 03321 | 81818 | | |
| Filton | 628 | 62211 | 82258 | 99507 | 63400 | 04316 | 81915 | 84645 | |
| Rhoose | 715 | 32114 | 75016 | 99107 | 38400 | 04314 | 82816 | | |
| Hartland Point | 703 | 62625 | 70808 | 98208 | 67500 | 06217 | 86720 | | |
| Mount Batten | 827 | 32418 | 64038 | 01008 | 38500 | 06312 | 81820 | 83635 | |
| St.Mawgan | 817 | 52110 | 75028 | 00506 | 584// | 05215 | 82815 | 85625 | |
| Scilly | 804 | 62416 | 65258 | 01207 | 63400 | 05319 | 86915 | | |
| Culdrose | 809 | 72514 | 60808 | 00907 | 794// | 05314 | 81915 | 85630 | |
| Guernsey | 894 | 22220 | 72031 | 04607 | 18432 | 05309 | 81818 | | |
| Elmdon | 534 | 32117 | 78258 | 96906 | 38500 | 04211 | 81820 | | |
| Cardington | 559 | 52117 | 70031 | 99107 | 58500 | 05310 | 82820 | 85625 | |
| Wittering | 462 | 32115 | 80011 | 97906 | 28401 | 04313 | 81815 | | |
| Watnall | 354 | 62013 | 75011 | 96406 | 683// | 04213 | 81808 | 83618 | 86630 |
| Shawbury | 414 | 22214 | 75028 | 95006 | 28500 | 03217 | 81821 | | |
| Finningley | 360 | 22016 | 78021 | 94007 | 28501 | 03309 | 81825 | | |
| Spurn Point | 396 | 22019 | 75010 | 95407 | 15570 | 04308 | 81625 | | |
| Leeming | 257 | 22113 | 80018 | 90707 | 28500 | 03302 | 81820 | | |
| Tynemouth | 262 | 22515 | 80028 | 88707 | 25500 | 03602 | 82620 | | |
| Carlisle | 222 | 72420 | 65808 | 87107 | 68431 | 05500 | 82711 | 84818 | 86635 |
| Valley | 302 | 62230 | 64031 | 92407 | 655/2 | 05315 | 83622 | 85630 | |
| Ringway | 334 | 22011 | 75018 | 93807 | 28400 | 03213 | 81818 | | |
| Squires Gate | 318 | 42324 | 65031 | 91307 | 25630 | 03304 | 82640 | | |
| Ronaldsway | 204 | 72323 | 75251 | 89107 | 785// | 03318 | 81824 | 87626 | |
| Mull of Galloway | 131 | 72340 | 80151 | 85306 | 794// | 05311 | 82915 | 85820 | |
| Eskdalemuir | 162 | 82118 | 50636 | 86104 | 853// | 03304 | 85708 | 88620 | |
| Prestwick | 135 | 72319 | 70258 | 83406 | 785/2 | 04305 | 82822 | 86638 | |
| Abbotsinch | 140 | 72223 | 60808 | 82307 | 783// | 04309 | 81709 | 84817 | 86630 |
| Leuchars | 171 | 22219 | 70258 | 82306 | 29500 | 02500 | 82920 | | |
| Dyce | 091 | 31919 | 84031 | 79606 | 29463 | 02304 | 81915 | | |
| Lerwick | 005 | 42116 | 62031 | 77205 | 25401 | 03606 | 81710 | 84070 | |
| Wick | 075 | 61816 | 84011 | 77306 | 38441 | 03713 | 81818 | 83645 | 85072 |
| Sule Skerry | 010 | 71720 | 81158 | 76006 | 6557/ | 04609 | 86625 | | |
| Cape Wrath | 049 | 72312 | 70808 | 74605 | 784// | 03713 | 85815 | 87625 | |
| Stornoway | 026 | 62110 | 75258 | 74105 | 694// | 05500 | 84914 | 85630 | |
| Benbecula | 022 | 62016 | 75258 | 73706 | 693// | 05303 | 82708 | 86912 | |
| Tiree | 100 | 72527 | 62808 | 77706 | 534/2 | 04320 | 82915 | 83820 | 86070 |
| Aldergrove | 917 | 72414 | 65258 | 85305 | 734// | 04224 | 82710 | 83915 | 85820 |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_hE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01051 | 03 | pr | prpr. |
| Hurn | 862 | 92081 | 06 | + | pr. |
| Manston | 797 | 91071 | 05 | r.d.r.r.l | + |
| Gatwick | 776 | 05061 | 04 | r.rr | pr.pr |
| Kew | 775 | 01081 | 05 | r.r.r | pr. |
| Heathrow | 772 | 01071 | 05 | r.r. | prpr. |
| Honington | 586 | 97061 | 05 | pr. | + |
| Wattisham | 590 | 97051 | 03 | r. | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 97051 | 03 | pr. | pr. |
| Filton | 628 | 93061 | 04 | prpr.pr | pr.prpr. |
| Rhoose | 715 | 92061 | 05 | ir. | pr. |
| Hartland Point | 703 | 01052 | 04 | | |
| Mount Batten | 827 | 02071 | 04 | pRpr. | pr.pHR |
| St.Mawgan | 817 | 95061 | 04 | pr. | pr. |
| Scilly | 804 | 02062 | 04 | pr | pr |
| Culdrose | 809 | 01062 | 05 | pr. | pr. |
| Guernsey | 894 | 02071 | 06 | rrr.r. | jp |
| Elmdon | 534 | 97061 | 03 | pr. | pr. |
| Cardington | 559 | 97061 | 03 | ir. | + |
| Wittering | 462 | 93061 | 04 | pr. | + |
| Watnall | 354 | 00051 | 02 | + | + |
| Shawbury | 414 | 01051 | 03 | pr. | + |
| Finningley | 360 | 00061 | 04 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 97070 | 03 | pr. | pr. |
| Tynemouth | 262 | 97071 | 04 | pr. | pr. |
| Carlisle | 222 | 02061 | 03 | pr.pr | pr.pr |
| Valley | 302 | 00071 | 05 | + | + |
| Ringway | 334 | 97061 | 01 | + | pr. |
| Squires Gate | 318 | 97071 | 05 | + | pr. |
| Ronaldsway | 204 | 97071 | 05 | + | pr. |
| Mull of Galloway | 131 | 01061 | | | |
| Eskdalemuir | 162 | 12042 | 01 | rRhr. | hir.rr.pr. |
| Prestwick | 135 | 95061 | 04 | pr. | pr. |
| Abbotsinch | 140 | 01061 | 04 | pr. | pr. |
| Leuchars | 171 | 01051 | 03 | pr.pr | pr. |
| Dyce | 091 | 97051 | 03 | pr. | + |
| Lerwick | 005 | 03021 | 02 | r.r.rr | + |
| Wick | 075 | 91031 | 51 | + | pr. |
| Sule Skerry | 010 | 93021 | 02 | | |
| Cape Wrath | 049 | 03022 | 02 | pr. | pr. |
| Stornoway | 026 | 02051 | 03 | prpr. | prpr. |
| Benbecula | 022 | 04041 | 03 | pr.pr | pr. |
| Tiree | 100 | 05051 | 03 | r.rprpR | pr. |
| Aldergrove | 917 | 01051 | 03 | pr. | pr.pr |
| Malin | 980 | 05 | 03 | | |
| Belmullet | 976 | 06 | 05 | | |
| Birr | 965 | 05 | 04 | | |
| Dublin | 969 | 06 | 03 | | |
| Shannon | 962 | 05 | 03 | | |
| Roches Point | 952 | 05 | 02 | | |
| Valentia | 953 | 05 | 03 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 29001 | 63013 | 97038 | 17201 | 53402 | 00009 | ///// | ///// | 05853 | 10512 | 3//06 | 32/12 |
| | 99567 | 70177 | 29004 | 82929 | 97618 | 77005 | 5742/ | 61220 | 85710 | 88545 | 0//05 | 10909 | 30707 | 24110 |
| | 99651 | 10026 | 29004 | 41121 | 97031 | 87706 | 48500 | 31730 | 83820 | ///// | 0//05 | 10650 | 30403 | 19804 |
| | 99470 | 70172 | 29004 | 33222 | 97018 | 06709 | 39500 | 71215 | 83920 | ///// | 0//04 | 11131 | 31012 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 29061 | 82908 | 98022 | 14201 | 855// | 00724 | ///// | ///// | 05656 | 10519 | 3//03 | 32/11 |
| | 99568 | 70184 | 29064 | 73023 | 97258 | 80007 | 49403 | 61209 | 83912 | 83068 | 0//05 | 10913 | 30805 | 26908 |
| | 99647 | 10032 | 29064 | 81023 | 96808 | 81905 | 893// | 31821 | 85709 | 86915 | 0//05 | 10652 | 30505 | ///// |
| | 99470 | 70175 | 29064 | 33126 | 97028 | 08007 | 39500 | 61305 | 82820 | 81920 | 0//02 | 11139 | 31010 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307–2541

No. 42497

Date of Issue THURSDAY 30 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 29 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 62320 | 82028 | 03410 | 685/1 | 05110 | 85822 | | |
| Hurn | 862 | 22219 | 80018 | 04911 | 21531 | 04215 | 82822 | | |
| Manston | 797 | 32227 | 70021 | 05411 | 32431 | 06208 | 83818 | | |
| Gatwick | 776 | 52320 | 75028 | 05110 | 5253/ | 05110 | 85820 | | |
| Kew | 775 | 62113 | 75298 | 03511 | 695// | 05106 | 81920 | 85825 | |
| Heathrow | 772 | 52117 | 80258 | 03412 | 59500 | 07108 | 82922 | 83828 | |
| Honington | 586 | 62220 | 82028 | 02612 | 63500 | 03109 | 81925 | 85832 | |
| Wattisham | 590 | 42121 | 80251 | 03111 | 32501 | 05208 | 83820 | | |
| Gorleston | 497 | 72222 | 56801 | 03311 | 785// | 05213 | 83825 | 87630 | |
| Aberporth | 502 | 32220 | 75258 | 99908 | 33400 | 04220 | 81918 | 83820 | |
| Filton | 628 | 22611 | 80258 | 03209 | 29400 | 06214 | 81917 | | |
| Rhoose | 715 | 22417 | 80028 | 02310 | 29500 | 03115 | 81920 | | |
| Hartland Point | 703 | 22427 | 80028 | 02008 | 29431 | 03115 | 82918 | | |
| Mount Batten | 827 | 62613 | 70158 | 04909 | 63540 | 03216 | 81925 | 86825 | |
| St.Mawgan | 817 | 32519 | 70158 | 04110 | 39403 | 05217 | 81915 | 83820 | |
| Scilly | 804 | 32521 | 70028 | 04910 | 22402 | 04221 | 82817 | | |
| Culdrose | 809 | 32516 | 75028 | 04710 | 32400 | 06117 | 83818 | | |
| Guernsey | 894 | 42316 | 81151 | 07609 | 29432 | 07112 | 81818 | 81925 | |
| Elmdon | 534 | 42318 | 75158 | 00211 | 43400 | 01114 | 81918 | 84825 | |
| Cardington | 559 | 62122 | 65251 | 01713 | 695// | 05211 | 84920 | 83825 | |
| Wittering | 462 | 52317 | 80251 | 00909 | 59400 | 03214 | 81918 | 83827 | |
| Watnall | 354 | 32220 | 80251 | 99112 | 32600 | 02111 | 83830 | | |
| Shawbury | 414 | 52118 | 75158 | 98811 | 59400 | 05316 | 81915 | 85828 | |
| Finningley | 360 | 12221 | 78250 | 97912 | 18602 | 03219 | 81832 | | |
| Spurn Point | 396 | 32220 | 72020 | 98611 | 32500 | 03212 | 83825 | | |
| Leeming | 257 | 32316 | 75258 | 95109 | 39500 | 03220 | 81920 | 83830 | |
| Tynemouth | 262 | 52320 | 80028 | 92110 | 22604 | 02224 | 82830 | 85075 | |
| Carlisle | 222 | 72418 | 75028 | 93109 | 68532 | 04234 | 84824 | 83645 | |
| Valley | 302 | 52124 | 75018 | 97109 | 48440 | 06221 | 81815 | 83620 | |
| Ringway | 334 | 52319 | 80028 | 97610 | 42501 | 01219 | 84820 | 83075 | |
| Squires Gate | 318 | 52320 | 80018 | 96510 | 48531 | 05121 | 81825 | 84645 | |
| Ronaldsway | 204 | 42321 | 82011 | 93909 | 29541 | 04119 | 81822 | 81925 | 83075 |
| Mull of Galloway | 131 | 32332 | 79011 | 91208 | 13431 | 06115 | 81915 | 83360 | |
| Eskdalemuir | 162 | 72022 | 58898 | 91906 | 734// | 04229 | 83712 | 84916 | |
| Prestwick | 135 | 52422 | 65808 | 89710 | 39432 | 02234 | 81818 | 82922 | 83635 |
| Abbotsinch | 140 | 52220 | 68278 | 88009 | 43431 | 06034 | 81915 | 83822 | |
| Leuchars | 171 | 62323 | 65258 | 87607 | 59403 | 03235 | 82915 | 84818 | |
| Dyce | 091 | 72124 | 82151 | 83610 | 49433 | 02328 | 82918 | 83650 | |
| Lerwick | 005 | 72123 | 75801 | 78007 | 784// | 03209 | 83812 | 87625 | |
| Wick | 075 | 72120 | 68808 | 79607 | 49432 | 03216 | 81712 | 83916 | 86070 |
| Sule Skerry | 010 | 62318 | 82258 | 77808 | 49543 | 05212 | 84920 | 86075 | |
| Cape Wrath | 049 | 72326 | 80808 | 77505 | 784// | 04221 | 84815 | 87625 | |
| Stornoway | 026 | 62518 | 80258 | 79807 | 49403 | 05347 | 82914 | 83818 | |
| Benbecula | 022 | 22315 | 82158 | 81609 | 29400 | 06242 | 82918 | | |
| Tiree | 100 | 82519 | 64808 | 84507 | 6947/ | 05233 | 82915 | 84625 | 88359 |
| Aldergrove | 917 | 52219 | 80252 | 90609 | 59402 | 01224 | 82918 | 83825 | |
| Malin | 980 | 52327 | 75028 | 87509 | 535// | 03225 | 85920 | | |
| Belmullet | 976 | 72517 | 64808 | 90306 | 734// | 04218 | 82716 | 86920 | |
| Birr | 965 | 42317 | 82258 | 95609 | 48500 | 04222 | 83821 | | |
| Dublin | 969 | 62216 | 65152 | 94409 | 634/2 | 01221 | 81918 | 84823 | |
| Shannon | 962 | 32618 | 80258 | 96509 | 39503 | 05225 | 83824 | 81924 | |
| Roches Point | 952 | 12220 | 81258 | 98908 | 19400 | 03220 | 81817 | 81917 | |
| Valentia | 953 | 72720 | 70898 | 99108 | 735// | 04225 | 87921 | | |

## OBSERVATIONS at 18h. 29 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 22210 | 83018 | 06008 | 15602 | 03314 | 81640 | | |
| Hurn | 862 | 12416 | 75010 | 06310 | 18501 | 03106 | 81825 | | |
| Manston | 797 | 52215 | 81021 | 07010 | 11502 | 05210 | 81820 | 85075 | |
| Gatwick | 776 | 32315 | 82028 | 06609 | 12502 | 04210 | 81822 | | |
| Kew | 775 | 22213 | 83028 | 05710 | 28601 | 03213 | 82830 | | |
| Heathrow | 772 | 42111 | 81038 | 05610 | 38601 | 05214 | 83830 | | |
| Honington | 586 | 22211 | 80019 | 04809 | 18502 | 03220 | 81825 | | |
| Wattisham | 590 | 12514 | 82019 | 05008 | 13501 | 03312 | 81925 | | |
| Gorleston | 497 | 42414 | 66028 | 05208 | 42500 | 05213 | 84825 | | |
| Aberporth | 502 | 42219 | 80028 | 03007 | 38540 | 03217 | 83825 | | |
| Filton | 628 | 12613 | 80021 | 06009 | 14500 | 03217 | 81825 | | |
| Rhoose | 715 | 12514 | 80028 | 05308 | 18530 | 03217 | 81822 | | |
| Hartland Point | 703 | 22725 | 78030 | 05208 | 22500 | 05215 | 82825 | | |
| Mount Batten | 827 | 52511 | 80011 | 06909 | 52500 | 05212 | 85823 | | |
| St.Mawgan | 817 | 72413 | 62801 | 06908 | 79463 | 05215 | 81714 | 86920 | |
| Scilly | 804 | 22715 | 70020 | 07309 | 22400 | 04211 | 82817 | | |
| Culdrose | 809 | 22513 | 70018 | 07109 | 22400 | 06215 | 82818 | | |
| Guernsey | 894 | 32613 | 80030 | 08509 | 11432 | 05103 | 81815 | 83075 | |
| Elmdon | 534 | 22316 | 80158 | 03309 | 29500 | 51220 | 81922 | | |
| Cardington | 559 | 22114 | 75259 | 04309 | 29500 | 03317 | 81920 | | |
| Wittering | 462 | 22420 | 84021 | 03209 | 24600 | 02318 | 81632 | | |
| Watnall | 354 | 12310 | 80258 | 02507 | 18600 | 03223 | 81835 | | |
| Shawbury | 414 | 42416 | 80018 | 01909 | 42500 | 03218 | 84826 | | |
| Finningley | 360 | 12219 | 82251 | 00809 | 18600 | 03217 | 81838 | | |
| Spurn Point | 396 | 32114 | 70028 | 01309 | 39500 | 02219 | 81920 | 83825 | |
| Leeming | 257 | 22220 | 78028 | 98309 | 28600 | 01315 | 82830 | | |
| Tynemouth | 262 | 22312 | 80021 | 96309 | 12540 | 02218 | 81825 | | |
| Carlisle | 222 | 32319 | 81018 | 95308 | 28532 | 03213 | 81824 | | |
| Valley | 302 | 42126 | 70031 | 00008 | 18402 | 05215 | 81815 | 84070 | |
| Ringway | 334 | 32415 | 84021 | 00909 | 38601 | 51323 | 83830 | | |
| Squires Gate | 318 | 42319 | 80011 | 98608 | 38630 | 04111 | 81830 | 83656 | |
| Ronaldsway | 204 | 32317 | 80038 | 96907 | 28502 | 04314 | 81826 | | |
| Mull of Galloway | 131 | 52330 | 82018 | 93607 | 12501 | 05105 | 81820 | 85075 | |
| Eskdalemuir | 162 | 72021 | 70258 | 94805 | 723// | 02218 | 82708 | 86818 | |
| Prestwick | 135 | 72415 | 61808 | 92707 | 7947/ | 05110 | 82712 | 83918 | 86630 |
| Abbotsinch | 140 | 72217 | 62808 | 91207 | 6946/ | 03113 | 81918 | 84622 | 85632 |
| Leuchars | 171 | 52118 | 70038 | 90407 | 48402 | 02208 | 83818 | 83630 | |
| Dyce | 091 | 32016 | 84011 | 88807 | 18532 | 02223 | 81826 | | |
| Lerwick | 005 | 32221 | 80258 | 80506 | 29303 | 04217 | 81708 | 81912 | |
| Wick | 075 | 52312 | 86018 | 85307 | 24542 | 02227 | 81822 | 84072 | |
| Sule Skerry | 010 | 62528 | 74168 | 83507 | 59503 | 05232 | 85925 | | |
| Cape Wrath | 049 | 52327 | 80278 | 83605 | 43403 | 04225 | 84915 | | |
| Stornoway | 026 | 62409 | 75158 | 85007 | 49403 | 05224 | 83915 | 84070 | |
| Benbecula | 022 | 52310 | 86031 | 85407 | 29463 | 05218 | 81917 | 83070 | |
| Tiree | 100 | 52416 | 68258 | 87608 | 23462 | 06219 | 81710 | 82916 | 83359 |
| Aldergrove | 917 | 72415 | 65258 | 94007 | 795// | 03219 | 81920 | 83825 | 86630 |
| Malin | 980 | 72322 | 60808 | 90606 | 69463 | 05221 | 81716 | 86920 | |
| Belmullet | 976 | 62220 | 68038 | 94008 | 634// | 05221 | 82717 | 83920 | 82920 |
| Birr | 965 | 62310 | 75808 | 99308 | 635// | 02320 | 85920 | | |
| Dublin | 969 | 52318 | 82148 | 97309 | 53501 | 01312 | 82822 | 83633 | 81922 |
| Shannon | | | | | | | | | |
| Roches Point | 952 | 12318 | 80018 | 02508 | 19400 | 02318 | 81919 | | |
| Valentia | 953 | 22620 | 75258 | 02508 | 23500 | 02119 | 82925 | | |

## OBSERVATIONS during DAY

| Station | iii | $RRT_xT_xE$ | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 93121 | 077 | pr. | pr. |
| Hurn | 862 | 97121 | 100 | pr. | + |
| Manston | 797 | 00121 | 087 | + | + |
| Gatwick | 776 | 97111 | 077 | pr. | + |
| Kew | 775 | 91131 | 072 | pr.tl.pr | + |
| Heathrow | 772 | 02131 | 054 | pr.pR | jp |
| Honington | 586 | 96131 | 063 | pr.pr | pr.tl.-tl.r. |
| Wattisham | 590 | 02121 | 074 | pr.tlhrr. | pr. |
| Gorleston | 497 | | 083 | | |
| Aberporth | 502 | 01101 | 095 | pr.ph | + |
| Filton | 628 | 91111 | 096 | pr.pr | + |
| Rhoose | 715 | 91111 | 085 | pr. | + |
| Hartland Point | 703 | 97090 | 094 | | |
| Mount Batten | 827 | 00101 | 086 | jp | + |
| St.Mawgan | 817 | 92111 | 099 | + | pr. |
| Scilly | 804 | 95112 | 100 | + | pr |
| Culdrose | 809 | 97111 | 090 | pr. | + |
| Guernsey | 894 | 00111 | 107 | jp | + |
| Elmdon | 534 | 95121 | 094 | prph.r.pr. | jp |
| Cardington | 559 | 01131 | 094 | pr. | tlrpr. |
| Wittering | 462 | 97131 | 106 | pr. | + |
| Watnall | 354 | 94131 | 084 | pr. | pr. |
| Shawbury | 414 | 01121 | 083 | pr.ph.r. | pr. |
| Finningley | 360 | 00131 | 093 | pr. | pr. |
| Spurn Point | 396 | | | pr. | + |
| Leeming | 257 | 97110 | 074 | pr. | pr. |
| Tynemouth | 262 | 00111 | 097 | + | + |
| Carlisle | 222 | 95101 | 073 | pr. | pr |
| Valley | 302 | 97101 | 068 | pr. | + |
| Ringway | 334 | 97111 | 100 | pr. | pr. |
| Squires Gate | 318 | 00111 | 069 | + | jp |
| Ronaldsway | 204 | 97101 | 069 | pr. | pr. |
| Mull of Galloway | 131 | 97091 | | | |
| Eskdalemuir | 162 | 04072 | 009 | pr.ph.phr | pr. |
| Prestwick | 135 | 01111 | 027 | pr. | pr. |
| Abbotsinch | 140 | 08101 | 042 | pr.ph.rphr | pr.pr |
| Leuchars | 171 | 03112 | 073 | pr.pr | pr.pRpr. |
| Dyce | 091 | 00111 | 103 | jp | jp |
| Lerwick | 005 | 95081 | 040 | pr. | pr.ir. |
| Wick | 075 | 01101 | 069 | pr. | pr. |
| Sule Skerry | 010 | 96082 | | | |
| Cape Wrath | 049 | 05062 | 022 | pr.phr | phr |
| Stornoway | 026 | 02091 | 028 | pr. | ph.r. |
| Benbecula | 022 | 01091 | 080 | pr. | pr. |
| Tiree | 100 | 04091 | 026 | pr.phr | pr.pr |
| Aldergrove | 917 | 05102 | 063 | pr.ph | phpr.pRpr |
| Malin | 980 | 0310 | 042 | | |
| Belmullet | 976 | 0609 | 031 | | |
| Birr | 965 | 9610 | 078 | | |
| Dublin | 969 | 0110 | 073 | | |
| Shannon | 962 | 10 | 081 | | |
| Roches Point | 952 | 9210 | 089 | | |
| Valentia | 953 | 0110 | 085 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

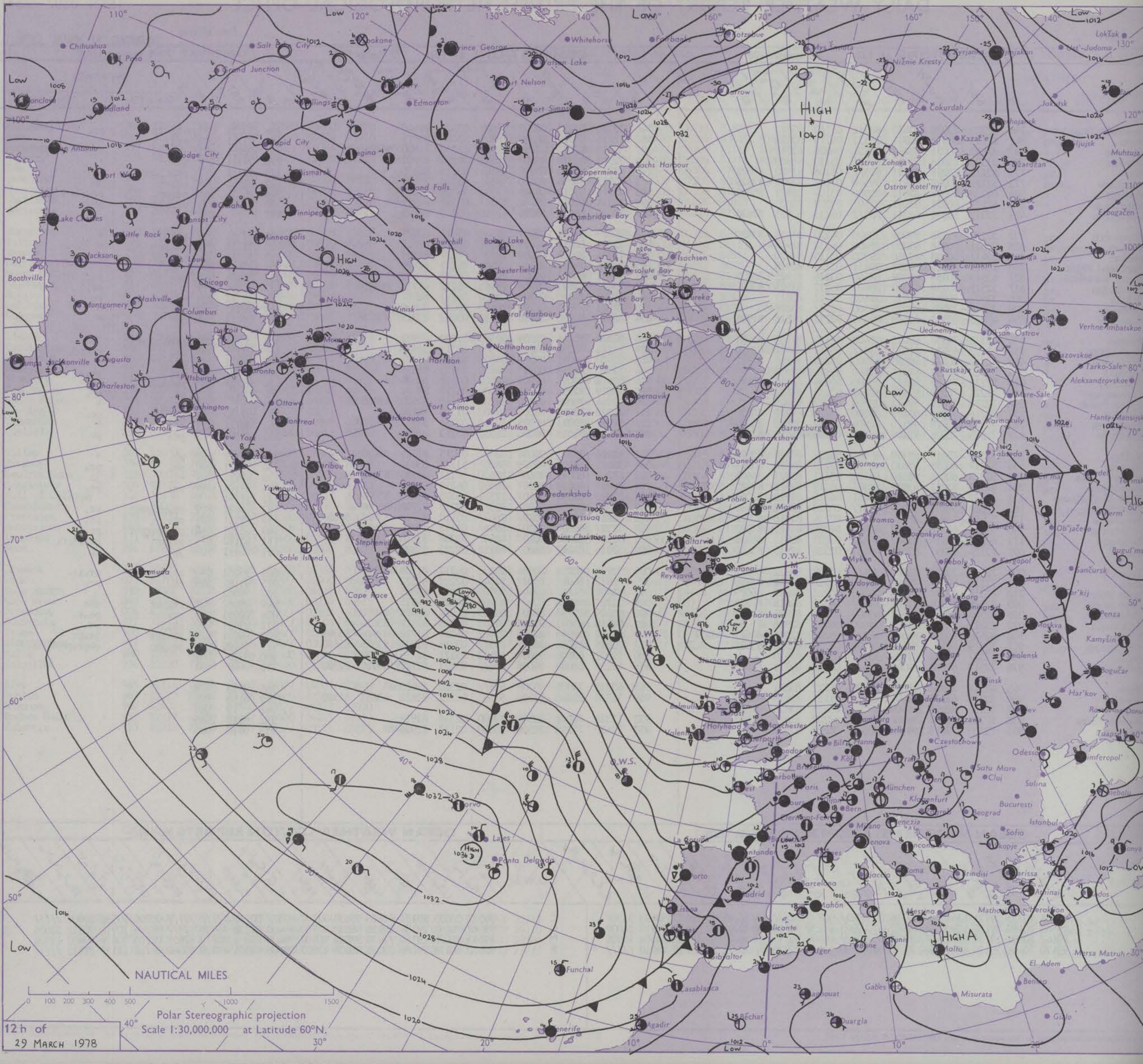
| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 99527 | 70355 | 29121 | 81413 | 97617 | 04202 | 8732/ | 00872 | ///// | ///// | 05501 | 10525 | 30403 | 33307 |
| | L | 99568 | 70188 | 29124 | 52930 | 98168 | 87307 | 49303 | 61239 | 81706 | 84910 | 0//03 | 10913 | 30910 | 26009 |
| | M | 99647 | 10032 | 29124 | 81721 | 95628 | 80605 | 6742/ | 00504 | 86715 | 88458 | 0//05 | 10658 | 30504 | 18906 |
| | R | 99470 | 70168 | 29124 | 63125 | 98258 | 11208 | 69500 | 61216 | 82920 | 84820 | 0//01 | 11120 | 31010 | ///// |

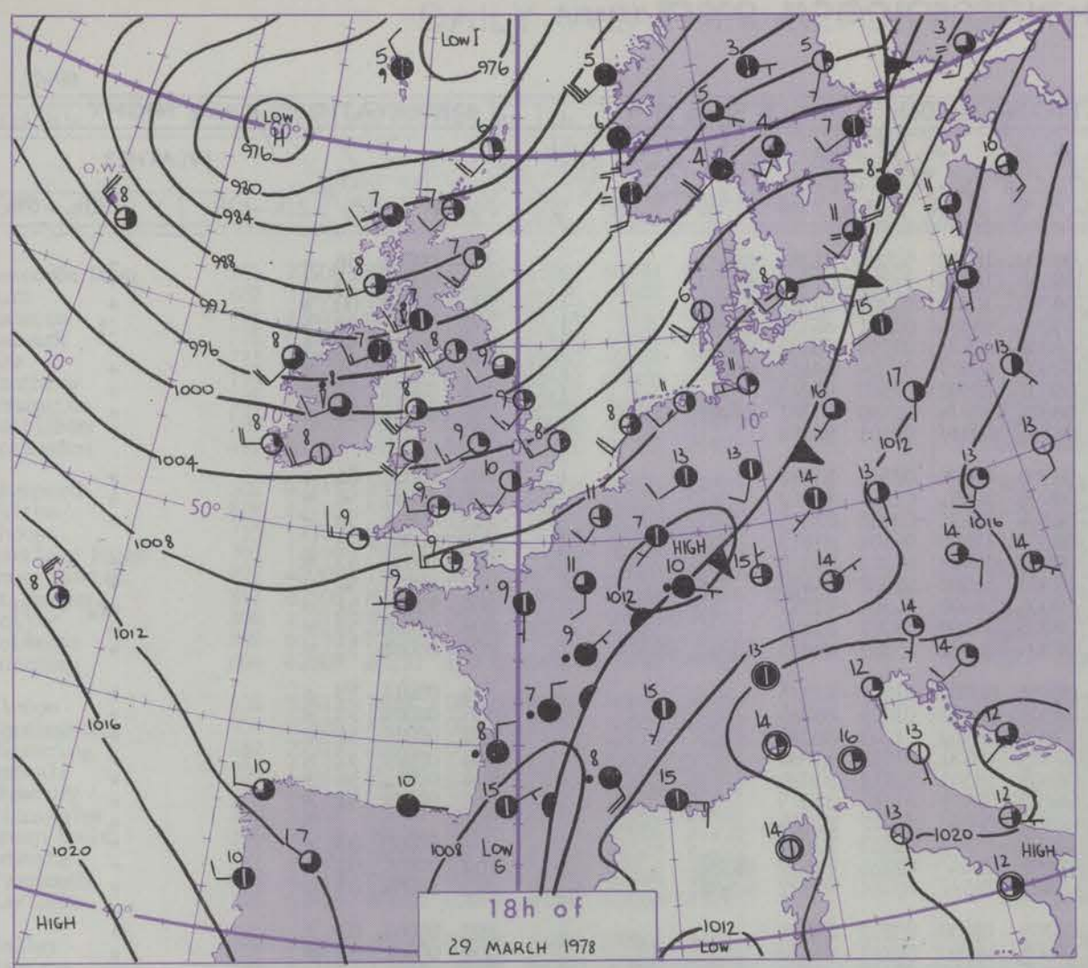
## OCEAN WEATHER STATION REPORTS at 18h.

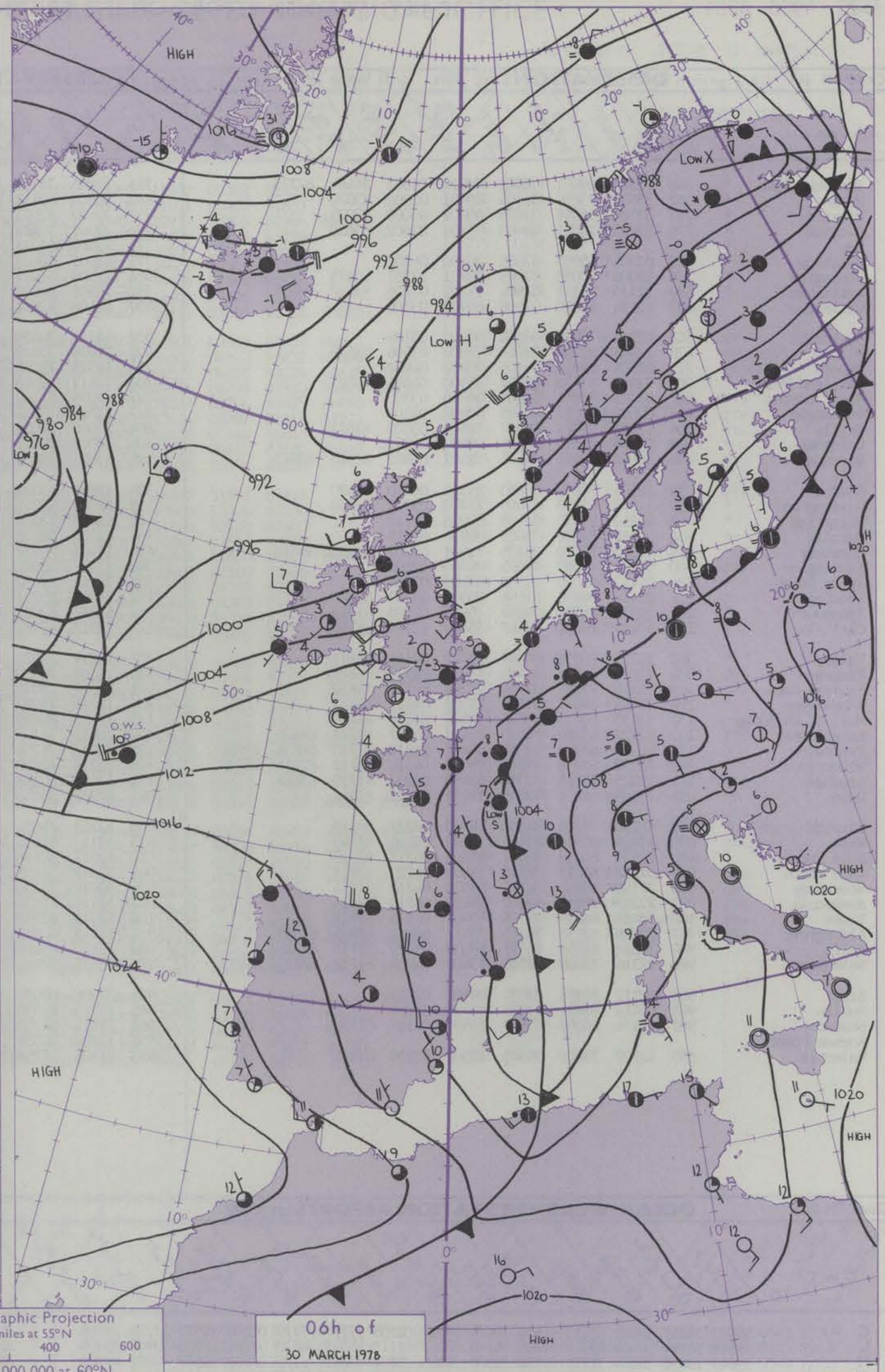
| O.W.S. | | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGiw | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$pp | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 99527 | 70355 | 29181 | 81516 | 95636 | 81707 | 8732/ | 007124 | ///// | ///// | 00206 | 10580 | 30908 | ///// |
| | L | 99567 | 70192 | 29184 | 52926 | 98258 | 91707 | 59400 | 61220 | 85910 | ///// | 0//03 | 10916 | 30912 | 32006 |
| | M | 99645 | 10036 | 29184 | 71920 | 98026 | 80906 | 78400 | 41001 | 82813 | 87625 | 0//05 | 10676 | 30403 | 19906 |
| | R | 99470 | 70170 | 29184 | 33026 | 98028 | 13307 | 29560 | 61205 | 81920 | 83360 | 0//03 | 11137 | 31112 | ///// |

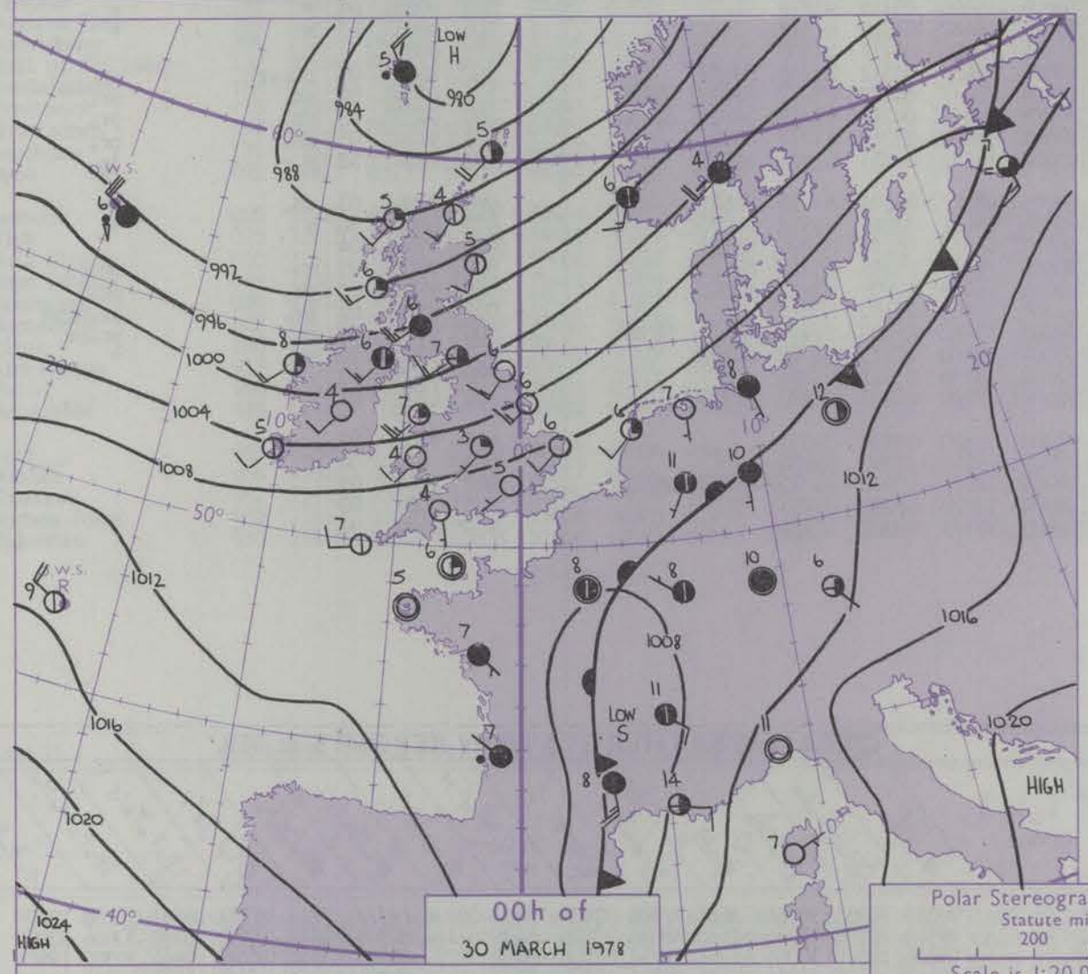
All times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday THURSDAY 30 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours pressure remained low to the north of Scotland and an unstable westerly airstream covered the British Isles.

During the next 24 hours a depression will move from the Atlantic towards western district and its associated frontal troughs will cross most of the British Isles.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

## Code FM 11.V — OBSERVATIONS at 00h. 30 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 72306 | 80031 | 08303 | 40916 | 01002 | 84464 | 87273 | |
| Hurn | 862 | 33502 | 75030 | 08603 | 00901 | 02005 | 83070 | | |
| Manston | 797 | 32706 | 65021 | 08705 | 00901 | 05000 | 83075 | | |
| Gatwick | 776 | 52605 | 70031 | 08403 | 55700 | 03802 | 85650 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 02304 | 65020 | 07805 | 00900 | 04202 | | | |
| Honington | 586 | 22006 | 70030 | 07605 | 00901 | 03207 | 82075 | | |
| Wattisham | 590 | 32110 | 70031 | 07904 | 15702 | 02106 | 81650 | 83075 | |
| Gorleston | 497 | 02210 | 66020 | 07906 | 00900 | 03306 | | | |
| Aberporth | 502 | 02211 | 70020 | 06204 | 00900 | 03109 | | | |
| Filton | 628 | 12308 | 80030 | 08005 | 15600 | 03506 | 81630 | | |
| Rhoose | 715 | 02507 | 80011 | 07105 | 00900 | 04002 | | | |
| Hartland Point | 703 | 32616 | 83030 | 07607 | 31500 | 04004 | 83825 | | |
| Mount Batten | 827 | 03103 | 70021 | 08805 | 00900 | 03303 | | | |
| St.Mawgan | 817 | 02608 | 80028 | 08105 | 00900 | 04804 | | | |
| Scilly | 804 | 12511 | 80018 | 08407 | 12400 | 03802 | 81817 | | |
| Culdrose | 809 | 03005 | 70010 | 08505 | 00900 | 03803 | | | |
| Guernsey | 894 | 30000 | 75021 | 09606 | 12402 | 05802 | 81818 | 83075 | |
| Elmdon | 534 | 22104 | 70030 | 06803 | 25500 | 00110 | 82620 | | |
| Cardington | 559 | 12312 | 65020 | 07005 | 15700 | 03004 | 81650 | | |
| Wittering | 462 | 02210 | 81010 | 06703 | 00900 | 01110 | | | |
| Watnall | 354 | 02210 | 75028 | 05405 | 00900 | 02111 | | | |
| Shawbury | 414 | 42310 | 75020 | 05105 | 11501 | 02007 | 81826 | 84075 | |
| Finningley | 360 | 02111 | 75020 | 04005 | 00900 | 02108 | | | |
| Spurn Point | 396 | 02115 | 65020 | 04506 | 00900 | 02214 | | | |
| Leeming | 257 | 22116 | 80030 | 01606 | 00904 | 03109 | 82075 | | |
| Tynemouth | 262 | 12312 | 80020 | 99207 | 10930 | 02209 | 81360 | | |
| Carlisle | 222 | 52414 | 70031 | 99107 | 55600 | 03120 | 85640 | | |
| Valley | 302 | 22225 | 70010 | 04107 | 28401 | 04114 | 81815 | | |
| Ringway | 334 | 12110 | 75028 | 04405 | 15500 | 02215 | 81625 | | |
| Squires Gate | 318 | 12318 | 75011 | 02906 | 15700 | 04114 | 81650 | | |
| Ronaldsway | 204 | 32421 | 80031 | 01406 | 28501 | 04215 | 82822 | | |
| Mull of Galloway | 131 | 12433 | 80020 | 98706 | 12500 | 05213 | 81820 | | |
| Eskdalemuir | 162 | 82122 | 65808 | 98105 | 884// | 03217 | 82712 | 85820 | |
| Prestwick | 135 | 82323 | 60258 | 96506 | 884// | 04317 | 81710 | 84816 | 87821 |
| Abbotsinch | 140 | 72220 | 65258 | 94907 | 794// | 04310 | 81712 | 82915 | 85820 |
| Leuchars | 171 | 52325 | 75028 | 93306 | 48460 | 03102 | 81710 | 83816 | |
| Dyce | 091 | 11909 | 84010 | 92605 | 10931 | 02222 | 81362 | | |
| Lerwick | 005 | 42220 | 75206 | 86105 | 46400 | 03227 | 84710 | | |
| Wick | 075 | 12109 | 84021 | 89604 | 15600 | 01216 | 81640 | | |
| Sule Skerry | 010 | 22524 | 84018 | 88007 | 23500 | 05217 | 82920 | | |
| Cape Wrath | 049 | 32317 | 84028 | 88105 | 33400 | 04222 | 83915 | | |
| Stornoway | 026 | 22108 | 80038 | 88505 | 29400 | 04210 | 81915 | | |
| Benbecula | 022 | 22313 | 80018 | 89607 | 29400 | 05219 | 82918 | | |
| Tiree | 100 | 22414 | 66038 | 92506 | 19402 | 05528 | 81918 | | |
| Aldergrove | 917 | 72216 | 82038 | 98906 | 754// | 03221 | 83615 | 87619 | |
| Malin | 980 | 22323 | 81258 | 95707 | 23400 | 05126 | 81714 | 82918 | |
| Belmullet | 976 | 32316 | 72038 | 98508 | 33400 | 04216 | 81718 | 83820 | 81920 |
| Birr | 965 | 02212 | 80028 | 03004 | 00900 | 02112 | | | |
| Dublin | 969 | 02418 | 80021 | 01505 | 00900 | 02115 | | | |
| Shannon | 962 | 12414 | 80038 | 03605 | 13500 | 03107 | 81920 | | |
| Roches Point | | | | | | | | | |
| Valentia | 953 | 12209 | 75038 | 05305 | 12500 | 02106 | 81825 | | |

## OBSERVATIONS at 06h. 30 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 32205 | 74111 | 09100 | 10932 | 50104 | 81364 | 83073 | |
| Hurn | 862 | 50000 | 60111 | 09350 | 10932 | 51306 | 81360 | 85070 | |
| Manston | 797 | 72903 | 62021 | 08704 | 10948 | 03301 | 81362 | 87272 | |
| Gatwick | 776 | 72301 | 50184 | 09201 | 658/4 | 01301 | 86657 | 87075 | |
| Kew | 775 | 82403 | 65021 | 08804 | 8097/ | 02205 | 83358 | 88460 | |
| Heathrow | 772 | 82602 | 68031 | 08903 | 60977 | 03204 | 86463 | 88272 | |
| Honington | 586 | 72508 | 60021 | 08003 | 00902 | 02103 | 87075 | | |
| Wattisham | 590 | 72508 | 61031 | 08302 | 30976 | 01500 | 81361 | 83465 | 87272 |
| Gorleston | 497 | 62406 | 62011 | 08105 | 6091/ | 02101 | 86458 | | |
| Aberporth | 502 | 12111 | 70020 | 07303 | 18400 | 02312 | 81818 | | |
| Filton | 628 | 11904 | 70010 | 08903 | 10931 | 01304 | 81362 | | |
| Rhoose | 715 | 12505 | 75030 | 08204 | 12431 | 03303 | 81815 | | |
| Hartland Point | 703 | 12612 | 72010 | 08507 | 12400 | 04104 | 81812 | | |
| Mount Batten | 827 | 11003 | 57100 | 09402 | 00901 | 01303 | 81075 | | |
| St.Mawgan | 817 | 11804 | 75020 | 09303 | 18500 | 02302 | 81820 | | |
| Scilly | 804 | 20000 | 80020 | 09006 | 28400 | 04301 | 81817 | | |
| Culdrose | 809 | 10000 | 70021 | 09303 | 18500 | 03301 | 81820 | | |
| Guernsey | 894 | 63004 | 70031 | 09805 | 28432 | 05307 | 81815 | 83360 | 85075 |
| Elmdon | 534 | 12006 | 63020 | 08102 | 00902 | 01207 | 81075 | | |
| Cardington | 559 | 62308 | 62011 | 08301 | 60932 | 01209 | 86365 | | |
| Wittering | 462 | 62407 | 63031 | 07901 | 00902 | 01103 | 86070 | | |
| Watnall | 354 | 22207 | 66020 | 07303 | 10931 | 01213 | 81360 | | |
| Shawbury | 414 | 21905 | 70020 | 06803 | 18501 | 01212 | 81820 | | |
| Finningley | 360 | 12109 | 68020 | 06102 | 00901 | 01315 | 81075 | | |
| Spurn Point | 396 | 32112 | 62030 | 06203 | 00908 | 02212 | 83275 | | |
| Leeming | 257 | 71805 | 80021 | 04205 | 755// | 03313 | 87620 | | |
| Tynemouth | 262 | 62310 | 69031 | 02006 | 2563/ | 02224 | 82630 | 86358 | |
| Carlisle | 222 | 72312 | 80031 | 01906 | 785// | 03318 | 83822 | 87632 | |
| Valley | 302 | 12219 | 78020 | 05706 | 12400 | 03212 | 81815 | | |
| Ringway | 334 | 12009 | 70020 | 06003 | 18500 | 02212 | 81820 | | |
| Squires Gate | 318 | 12316 | 78030 | 05005 | 18400 | 03115 | 81817 | | |
| Ronaldsway | 204 | 12515 | 75020 | 02905 | 16440 | 03310 | 81713 | | |
| Mull of Galloway | 131 | 12425 | 80020 | 01105 | 15600 | 04217 | 81630 | | |
| Eskdalemuir | 162 | 72015 | 58108 | 00504 | 784// | 03311 | 84710 | 87630 | |
| Prestwick | 135 | 72318 | 75258 | 99206 | 784// | 04213 | 81712 | 83620 | 87624 |
| Abbotsinch | 140 | 72219 | 62808 | 97806 | 784// | 04214 | 81712 | 84818 | 85630 |
| Leuchars | 171 | 62416 | 80258 | 96905 | 58460 | 03212 | 81714 | 84822 | |
| Dyce | 091 | 62205 | 82036 | 95203 | 18532 | 00121 | 81825 | 83362 | |
| Lerwick | 005 | 62223 | 75021 | 89105 | 684// | 04221 | 81810 | 85625 | |
| Wick | 075 | 52110 | 84030 | 92303 | 19431 | 02214 | 81918 | 84072 | |
| Sule Skerry | 010 | 82517 | 80158 | 90507 | 885// | 05214 | 85820 | 88625 | |
| Cape Wrath | 049 | 72318 | 58151 | 90006 | 794// | 05215 | 85915 | 87620 | |
| Stornoway | 026 | 62010 | 75258 | 90706 | 49403 | 04209 | 82915 | 83068 | |
| Benbecula | 022 | 52114 | 75258 | 91106 | 59400 | 05103 | 85915 | | |
| Tiree | 100 | 62318 | 62258 | 94007 | 49463 | 05305 | 81915 | 83818 | 85360 |
| Aldergrove | 917 | 31912 | 70031 | 00704 | 35400 | 02213 | 81710 | 83622 | |
| Malin | 980 | 32117 | 82018 | 97605 | 33500 | 03211 | 83920 | | |
| Belmullet | 976 | 22512 | 77018 | 99507 | 23500 | 03307 | 82920 | 81920 | |
| Birr | 965 | 32006 | 80030 | 03703 | 35600 | 01306 | 83630 | | |
| Dublin | 965 | 12213 | 82030 | 03205 | 15540 | 01207 | 81624 | | |
| Shannon | 962 | 72111 | 80258 | 04305 | 784// | 03310 | 82815 | 84823 | 85628 |
| Roches Point | 952 | 12207 | 80030 | 06204 | 18400 | 02306 | 81816 | | |
| Valentia | 953 | 71906 | 75258 | 05405 | 725// | 03302 | 87825 | | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00501 | 56 | + | + |
| Hurn | 862 | 00511 | 55 | + | + |
| Manston | 797 | 97031 | 00 | + | + |
| Gatwick | 776 | 00001 | 52 | + | if |
| Kew | 775 | 00011 | 54 | + | + |
| Heathrow | 772 | 00031 | 51 | + | + |
| Honington | 586 | 00031 | 51 | + | + |
| Wattisham | 590 | 00011 | 50 | + | + |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 00031 | 01 | + | + |
| Filton | 628 | 00011 | 54 | + | + |
| Rhoose | 715 | 00011 | 52 | + | + |
| Hartland Point | 703 | 00061 | 03 | | |
| Mount Batten | 827 | 00011 | 53 | + | + |
| St.Mawgan | 817 | 00021 | 54 | + | + |
| Scilly | 804 | 93051 | 51 | + | pr$_o$ |
| Culdrose | 809 | 97010 | 53 | + | + |
| Guernsey | 894 | 00041 | 51 | + | + |
| Elmdon | 534 | 00011 | 53 | + | + |
| Cardington | 559 | 00001 | 53 | + | + |
| Wittering | 462 | 00011 | 51 | + | + |
| Watnall | 354 | 00021 | 52 | + | + |
| Shawbury | 414 | 00011 | 54 | + | + |
| Finningley | 360 | 00021 | 51 | + | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00050 | 03 | + | + |
| Tynemouth | 262 | 00051 | 02 | + | + |
| Carlisle | 222 | 00051 | 03 | + | + |
| Valley | 302 | 00061 | 03 | + | + |
| Ringway | 334 | 00031 | 01 | + | + |
| Squires Gate | 318 | 00051 | 03 | + | + |
| Ronaldsway | 204 | 00051 | 03 | + | + |
| Mull of Galloway | 131 | 00051 | | | |
| Eskdalemuir | 162 | 01041 | 03 | pr$_o$pr | pr$_o$ |
| Prestwick | 135 | 01051 | 04 | pr$_o$ | pr$_o$ |
| Abbotsinch | 140 | 02051 | 03 | pr$_o$ | pr$_o$ |
| Leuchars | 171 | 91041 | 03 | pr$_o$ | pr$_o$ |
| Dyce | 091 | 97021 | 52 | d$_o$r$_o$ | jp |
| Lerwick | 005 | 97041 | 03 | id$_o$ | + |
| Wick | 075 | 00031 | 50 | + | + |
| Sule Skerry | 010 | 92051 | 04 | | |
| Cape Wrath | 049 | 93052 | 03 | +– | ph$_o$r$_o$ |
| Stornoway | 026 | 92031 | 01 | pr$_o$ | pr$_o$ |
| Benbecula | 022 | 05051 | 02 | pr$_o$ | pr$_o$prpR |
| Tiree | 100 | 93051 | 04 | pr$_o$ | pr$_o$pr |
| Aldergrove | 917 | 97032 | 00 | pr$_o$ | + |
| Malin | 980 | 0305 | 03 | | |
| Belmullet | 976 | 0206 | 04 | | |
| Birr | 965 | 9703 | 50 | | |
| Dublin | 969 | 04 | 00 | | |
| Shannon | 962 | 0104 | 03 | | |
| Roches Point | 952 | 0004 | 00 | | |
| Valentia | 953 | 0204 | 01 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 30001 | 82513 | 96616 | 79806 | 8742/ | 00205 | ///// | ///// | 00205 | 10521 | 3//06 | 19/09 |
| | 99568 | 70194 | 30004 | 82928 | 97808 | 94506 | 884// | 61111 | 85812 | 88635 | 0//04 | 10910 | 30909 | 32006 |
| | 99645 | 10036 | 30004 | 31711 | 97038 | 81305 | 32400 | 00801 | 83815 | ///// | 0//04 | 10679 | 30302 | 19905 |
| | 99470 | 70173 | 30004 | 12920 | 98251 | 14208 | 12500 | 61803 | 81820 | ///// | 0//03 | 11117 | 31110 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | YYGGi$_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_s$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_wT_T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 30061 | 73115 | 97808 | 82504 | 73400 | 00332 | ///// | ///// | 05202 | 10531 | 3//08 | 19/09 |
| | 99569 | 70198 | 30064 | 62510 | 98038 | 93206 | 48430 | 61714 | 82815 | 84635 | 0//52 | 10880 | 30604 | 32007 |
| | 99646 | 10037 | 30064 | 61914 | 98252 | 83506 | 69400 | 00214 | 82915 | 85630 | 0//05 | 10664 | 30302 | 19904 |
| | 99469 | 70170 | 30064 | 82426 | 96601 | 09510 | 885// | 61728 | 81820 | 88650 | 0//09 | 11141 | 30503 | 31108 |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

42498 Date of Issue FRIDAY 31 MARCH 1978

## Code FM 11.V OBSERVATIONS at 12h. 30 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 22808 | 82010 | 09310 | 11602 | 02801 | 81835 | | |
| Hurn | 862 | 32405 | 82021 | 09611 | 31600 | 02802 | 83830 | | |
| Manston | 797 | 73605 | 68022 | 09708 | 11578 | 02103 | 81820 | 83364 | 87270 |
| Gatwick | 776 | 63002 | 83012 | 09511 | 12638 | 01001 | 81830 | 85275 | |
| Kew | 775 | 62704 | 80022 | 09410 | 11502 | 02201 | 81825 | 86075 | |
| Heathrow | 772 | 52604 | 75022 | 09311 | 11532 | 05000 | 81825 | 85075 | |
| Honington | 586 | 63005 | 80012 | 08811 | 11602 | 01001 | 81830 | 86075 | |
| Wattisham | 590 | 72902 | 70012 | 09109 | 00908 | 02202 | 87270 | | |
| Gorleston | 497 | 81206 | 62022 | 09508 | 8091/ | 04105 | 88458 | | |
| Aberporth | 502 | 42215 | 82031 | 07610 | 48500 | 02803 | 84823 | | |
| Filton | 628 | 12710 | 83020 | 09411 | 12600 | 01803 | 81830 | | |
| Rhoose | 715 | 12508 | 81020 | 09111 | 18500 | 02802 | 81820 | | |
| Hartland Point | 703 | 12614 | 77010 | 09008 | 12500 | 04802 | 81820 | | |
| Mount Batten | 827 | 42008 | 75030 | 09911 | 42500 | 06802 | 84822 | | |
| St.Mawgan | 817 | 62508 | 82021 | 09309 | 69403 | 06806 | 81915 | 85820 | |
| Scilly | 804 | 22211 | 80258 | 09510 | 28402 | 04804 | 81817 | | |
| Culdrose | 809 | 62210 | 75258 | 09808 | 68501 | 06801 | 85822 | | |
| Guernsey | 894 | 42809 | 81031 | 11008 | 38502 | 03205 | 83824 | | |
| Elmdon | 534 | 52613 | 78031 | 08410 | 51500 | 00000 | 85829 | | |
| Cardington | 559 | 32406 | 81021 | 08711 | 21532 | 03801 | 82825 | | |
| Wittering | 462 | 22512 | 82011 | 08211 | 11502 | 02000 | 81828 | | |
| Watnall | 354 | 12413 | 81020 | 07911 | 11600 | 01001 | 81835 | | |
| Shawbury | 414 | 42411 | 82020 | 07311 | 42500 | 03802 | 84828 | | |
| Finningley | 360 | 22412 | 83030 | 06712 | 22602 | 00503 | 81835 | | |
| Spurn Point | 396 | 32510 | 70030 | 07110 | 11541 | 02001 | 81820 | 83075 | |
| Leeming | 257 | 22420 | 86021 | 05510 | 21600 | 01203 | 82833 | | |
| Tynemouth | 262 | 42318 | 81021 | 03810 | 41500 | 51104 | 84825 | | |
| Carlisle | 222 | 52416 | 82022 | 03408 | 52500 | 01005 | 85824 | | |
| Valley | 302 | 12122 | 78150 | 06609 | 13401 | 04004 | 81917 | | |
| Ringway | 334 | 42514 | 75030 | 06610 | 42500 | 50802 | 84822 | | |
| Squires Gate | 318 | 12516 | 82020 | 06411 | 12500 | 05103 | 81820 | | |
| Ronaldsway | 204 | 72216 | 80031 | 04808 | 7854/ | 04105 | 82820 | 87645 | |
| Mull of Galloway | 131 | 32428 | 80018 | 03107 | 28530 | 05310 | 81820 | | |
| Eskdalemuir | 162 | 62118 | 75808 | 02506 | 684// | 03204 | 84818 | 85628 | |
| Prestwick | 135 | 22518 | 75018 | 01809 | 28541 | 04108 | 81820 | | |
| Abbotsinch | 140 | 62220 | 80258 | 00708 | 684// | 06011 | 81816 | 85822 | |
| Leuchars | 171 | 52620 | 80021 | 99610 | 48402 | 03206 | 84818 | | |
| Dyce | 091 | 61817 | 84151 | 97711 | 48542 | 04005 | 84825 | 84362 | |
| Lerwick | 005 | 32221 | 65158 | 93107 | 39401 | 03323 | 81914 | | |
| Wick | 075 | 72015 | 75251 | 95109 | 29432 | 04214 | 81712 | 82918 | 87072 |
| Sule Skerry | 010 | 72511 | 70808 | 94207 | 5946/ | 05222 | 85915 | 87360 | |
| Cape Wrath | 049 | 72321 | 80158 | 93406 | 794// | 04216 | 84915 | 87625 | |
| Stornoway | 026 | 72214 | 70808 | 92507 | 794// | 07207 | 82710 | 84913 | |
| Benbecula | 022 | 22414 | 80028 | 94508 | 29403 | 06319 | 82914 | | |
| Tiree | 100 | 72520 | 70278 | 97208 | 5946/ | 06218 | 81710 | 82917 | 85633 |
| Aldergrove | 917 | 42014 | 75021 | 02309 | 43400 | 03105 | 81915 | 83820 | |
| Malin | 980 | 32416 | 80258 | 00109 | 39501 | 05114 | 82920 | | |
| Belmullet | 976 | 41912 | 78258 | 00708 | 33532 | 03805 | 83820 | 81920 | 83070 |
| Birr | 965 | 61808 | 82012 | 04309 | 525/2 | 04804 | 85821 | 83070 | |
| Dublin | 969 | 72312 | 82808 | 04308 | 785// | 02001 | 85822 | 85630 | |
| Shannon | 962 | 72115 | 82038 | 03810 | 52506 | 03810 | 85825 | 84275 | |
| Roches Point | 952 | 71813 | 82028 | 05509 | 23406 | 06809 | 82818 | 81918 | 86073 |
| Valentia | 953 | 71916 | 82028 | 03608 | 22506 | 02714 | 82825 | 87270 | |

## OBSERVATIONS at 18h. 30 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_dapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 12113 | 86020 | 08708 | 11602 | 02302 | 81830 | | |
| Hurn | 862 | 22108 | 80030 | 09109 | 11601 | 03400 | 81835 | | |
| Manston | 797 | 51608 | 75021 | 09707 | 20931 | 05305 | 82364 | 84072 | |
| Gatwick | 776 | 12110 | 81021 | 09109 | 14700 | 04104 | 81850 | | |
| Kew | 775 | 32505 | 82031 | 08212 | 34600 | 01601 | 83635 | | |
| Heathrow | 772 | 12304 | 75011 | 08211 | 14601 | 03501 | 81840 | | |
| Honington | 586 | 11902 | 82011 | 08311 | 14600 | 51500 | 81640 | | |
| Wattisham | 590 | 11710 | 70011 | 08709 | 14601 | 03304 | 81640 | | |
| Gorleston | 497 | 61612 | 60022 | 09307 | 20911 | 05303 | 82458 | 86075 | |
| Aberporth | 502 | 71914 | 84808 | 06107 | 68502 | 02603 | 85822 | 84072 | |
| Filton | 628 | 62407 | 84011 | 08109 | 34605 | 04502 | 82832 | 85080 | |
| Rhoose | 715 | 72707 | 81038 | 07807 | 685/2 | 04603 | 83824 | 84635 | 87075 |
| Hartland Point | 703 | 72513 | 66151 | 07308 | 49546 | 04709 | 81920 | 84825 | 86275 |
| Mount Batten | 827 | 72314 | 65808 | 08408 | 785// | 03706 | 84825 | 86650 | |
| St.Mawgan | 817 | 71912 | 84258 | 07607 | 23416 | 05707 | 81918 | 87272 | |
| Scilly | 804 | 72016 | 82151 | 06608 | 42478 | 02714 | 84816 | 86275 | |
| Culdrose | 809 | 72111 | 75028 | 07708 | 32518 | 04810 | 83820 | 84459 | 87270 |
| Guernsey | 894 | 22007 | 82030 | 10108 | 11532 | 05504 | 81820 | | |
| Elmdon | 534 | 12008 | 70011 | 07310 | 18532 | 51501 | 81828 | | |
| Cardington | 559 | 12306 | 70020 | 07910 | 11600 | 03500 | 81830 | | |
| Wittering | 462 | 12305 | 82010 | 07410 | 14600 | 03602 | 81640 | | |
| Watnall | 354 | 32007 | 80020 | 07010 | 38601 | 01503 | 83835 | | |
| Shawbury | 414 | 62111 | 82038 | 06110 | 58504 | 02603 | 82825 | 84645 | |
| Finningley | 360 | 22108 | 83011 | 06310 | 22600 | 01500 | 82840 | | |
| Spurn Point | 396 | 22307 | 68011 | 07110 | 21500 | 01304 | 82825 | | |
| Leeming | 257 | 12511 | 84011 | 05809 | 18601 | 01303 | 81830 | | |
| Tynemouth | 262 | 52514 | 80021 | 04909 | 58600 | 51310 | 83830 | 85635 | |
| Carlisle | 222 | 62409 | 80012 | 04108 | 58401 | 03204 | 81717 | 85633 | |
| Valley | 302 | 72020 | 80151 | 05407 | 13402 | 04506 | 81815 | 81918 | 87072 |
| Ringway | 334 | 72108 | 80258 | 06210 | 795// | 01500 | 81925 | 83835 | 87650 |
| Squires Gate | 318 | 72307 | 70151 | 05808 | 59531 | 04601 | 81925 | 85650 | |
| Ronaldsway | 204 | 52116 | 80021 | 04007 | 18506 | 04702 | 81825 | 85272 | |
| Mull of Galloway | 131 | 62118 | 80031 | 03207 | 685// | 06104 | 83820 | 84625 | |
| Eskdalemuir | 162 | 71912 | 66258 | 03905 | 794// | 03212 | 84914 | 83818 | |
| Prestwick | 135 | 32113 | 75030 | 02408 | 29505 | 03106 | 81925 | | |
| Abbotsinch | 140 | 42413 | 84028 | 01909 | 38541 | 05213 | 82824 | | |
| Leuchars | 171 | 22317 | 80158 | 01008 | 13502 | 02213 | 81920 | | |
| Dyce | 091 | 62113 | 89028 | 99208 | 18672 | 01214 | 81835 | 83360 | 85465 |
| Lerwick | 005 | 62108 | 82018 | 95606 | 48433 | 03314 | 81813 | 84625 | 85072 |
| Wick | 075 | 72318 | 81258 | 95907 | 49462 | 04304 | 82916 | 84359 | 86070 |
| Sule Skerry | 010 | 72908 | 84028 | 96307 | 785// | 05216 | 82820 | 87625 | |
| Cape Wrath | 049 | 73209 | 80158 | 96606 | 784// | 02234 | 83815 | 87620 | |
| Stornoway | 026 | 53007 | 80028 | 97607 | 58400 | 04225 | 83818 | | |
| Benbecula | 022 | 52310 | 82158 | 98007 | 59400 | 06217 | 82918 | 83645 | |
| Tiree | 100 | 42313 | 81038 | 99508 | 18402 | 04111 | 81818 | 84075 | |
| Aldergrove | 917 | 71206 | 80158 | 01708 | 49532 | 04805 | 81920 | 83824 | 86075 |
| Malin | 980 | 71711 | 56818 | 00405 | 735// | 03201 | 87920 | | |
| Belmullet | 976 | 81616 | 78028 | 97008 | 7647/ | 03721 | 84717 | 86638 | 87460 |
| Birr | 965 | 71611 | 83028 | 00907 | 48502 | 02811 | 82820 | 83636 | 86070 |
| Dublin | 969 | 71812 | 81038 | 02208 | 28506 | 51605 | 81824 | 86270 | |
| Shannon | 962 | 61815 | 82258 | 99408 | 48538 | 04722 | 82824 | 83635 | |
| Roches Point | 952 | 71621 | 75258 | 01208 | 5847/ | 04726 | 85817 | 86360 | |
| Valentia | 953 | 81613 | 62618 | 97107 | 864// | 05735 | 88716 | | |

## OBSERVATIONS during DAY

| Station | iii | RRT×TE | sss | WEATHER 09h.–15h. | WEATHER 15h.–21h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 00121 | 104 | + | + |
| Hurn | 862 | 00121 | 102 | + | + |
| Manston | 797 | 00110 | 054 | + | + |
| Gatwick | 776 | 00131 | 085 | + | + |
| Kew | 775 | 00131 | 097 | + | + |
| Heathrow | 772 | 00131 | 086 | + | + |
| Honington | 586 | 00130 | 095 | + | + |
| Wattisham | 590 | 00121 | 081 | + | + |
| Gorleston | 497 | | 039 | | |
| Aberporth | 502 | 01111 | 079 | pr. | pr.pr |
| Filton | 628 | 00120 | 085 | + | jp |
| Rhoose | 715 | 01111 | 084 | jp | ph.r. |
| Hartland Point | 703 | 00090 | 094 | | |
| Mount Batten | 827 | 92111 | 094 | pr | pr. |
| St.Mawgan | 817 | 97101 | 074 | pr. | pr. |
| Scilly | 804 | 94101 | 069 | pr.pr | ir. |
| Culdrose | 809 | 97101 | | pr. | + |
| Guernsey | 894 | 00101 | 100 | + | + |
| Elmdon | 534 | 93121 | 101 | + | pr. |
| Cardington | 559 | 00131 | 092 | + | + |
| Wittering | 462 | 00131 | 099 | + | + |
| Watnall | 354 | 00121 | 099 | + | + |
| Shawbury | 414 | 97121 | 088 | pr. | + |
| Finningley | 360 | 97131 | 107 | + | pr. |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 00110 | 094 | + | + |
| Tynemouth | 262 | 00111 | 099 | + | + |
| Carlisle | 222 | 00101 | 057 | + | + |
| Valley | 302 | 00101 | 097 | + | + |
| Ringway | 334 | 97111 | 075 | + | pr. |
| Squires Gate | 318 | 97111 | 106 | + | pr. |
| Ronaldsway | 204 | 00091 | 070 | + | + |
| Mull of Galloway | 131 | 00081 | | | |
| Eskdalemuir | 162 | 93081 | 033 | pr. | pr. |
| Prestwick | 135 | 97111 | 067 | pr. | + |
| Abbotsinch | 140 | 92101 | 061 | pr. | pr. |
| Leuchars | 171 | 97111 | 084 | + | pr. |
| Dyce | 091 | 97121 | 055 | pr. | jp |
| Lerwick | 005 | 01082 | 081 | pr. | id.r.r. |
| Wick | 075 | 01091 | 057 | pr.pr | pr.pr |
| Sule Skerry | 010 | 01081 | | | |
| Cape Wrath | 049 | 02071 | 039 | pr. | pr. |
| Stornoway | 026 | 02091 | 041 | pr. | jp |
| Benbecula | 022 | 95101 | 065 | pRpr. | pr. |
| Tiree | 100 | 01101 | 056 | pr.prphr | pr. |
| Aldergrove | 917 | 01101 | 075 | pr.pR | pr. |
| Malin | 980 | 0210 | 074 | | |
| Belmullet | 976 | 9210 | 053 | | |
| Birr | 965 | 9711 | 040 | | |
| Dublin | 969 | 9412 | 082 | | |
| Shannon | 962 | 9713 | 062 | | |
| Roches Point | 952 | 9210 | 075 | | |
| Valentia | 953 | 0209 | 021 | | |

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 12h.

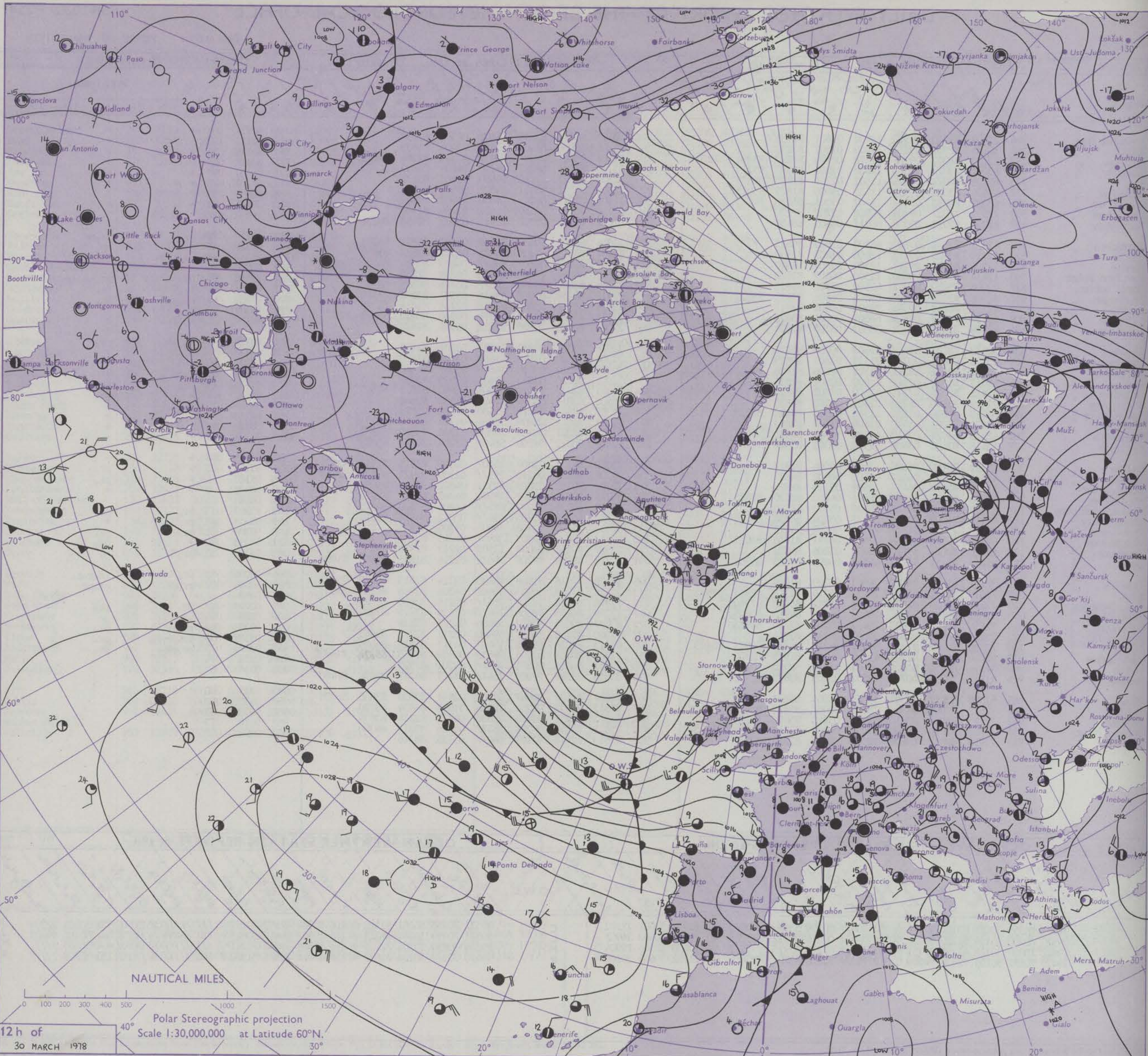
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 30121 | 83114 | 97158 | 96904 | 834// | 00159 | 83994 | 84639 | 05252 | 10523 | 30607 | 22312 |
| L | 99570 | 70200 | 30124 | 81220 | 98252 | 90506 | 39437 | 00616 | 82912 | 88273 | 0//01 | 10892 | 30603 | 36907 |
| M | 99642 | 10040 | 30124 | 41825 | 97151 | 86407 | 29431 | 41216 | 82915 | ///// | 0//04 | 10670 | 30505 | 19904 |
| R | 99470 | 70171 | 30124 | 72434 | 96206 | 02012 | 753// | 51630 | 85706 | 87630 | 0//11 | 11122 | 30605 | 30108 |

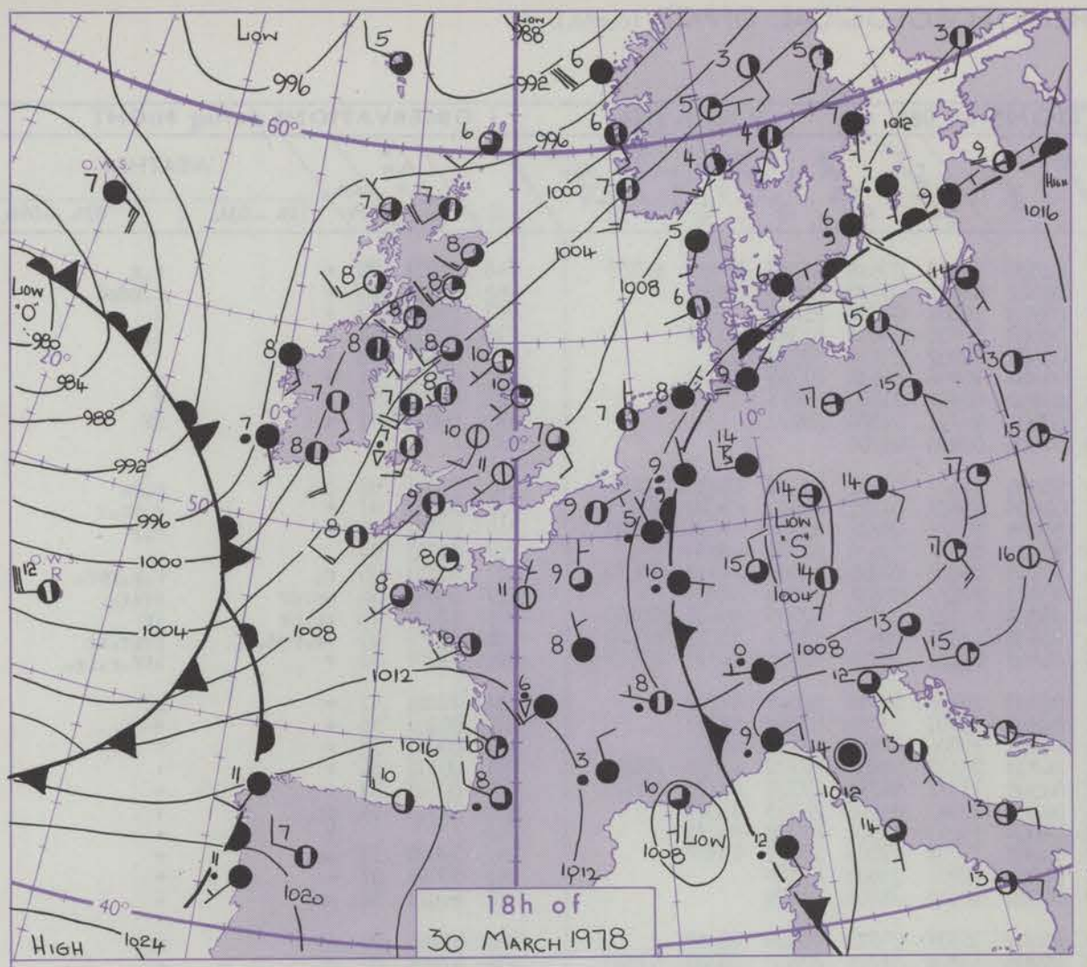
## OCEAN WEATHER STATION REPORTS at 18h.

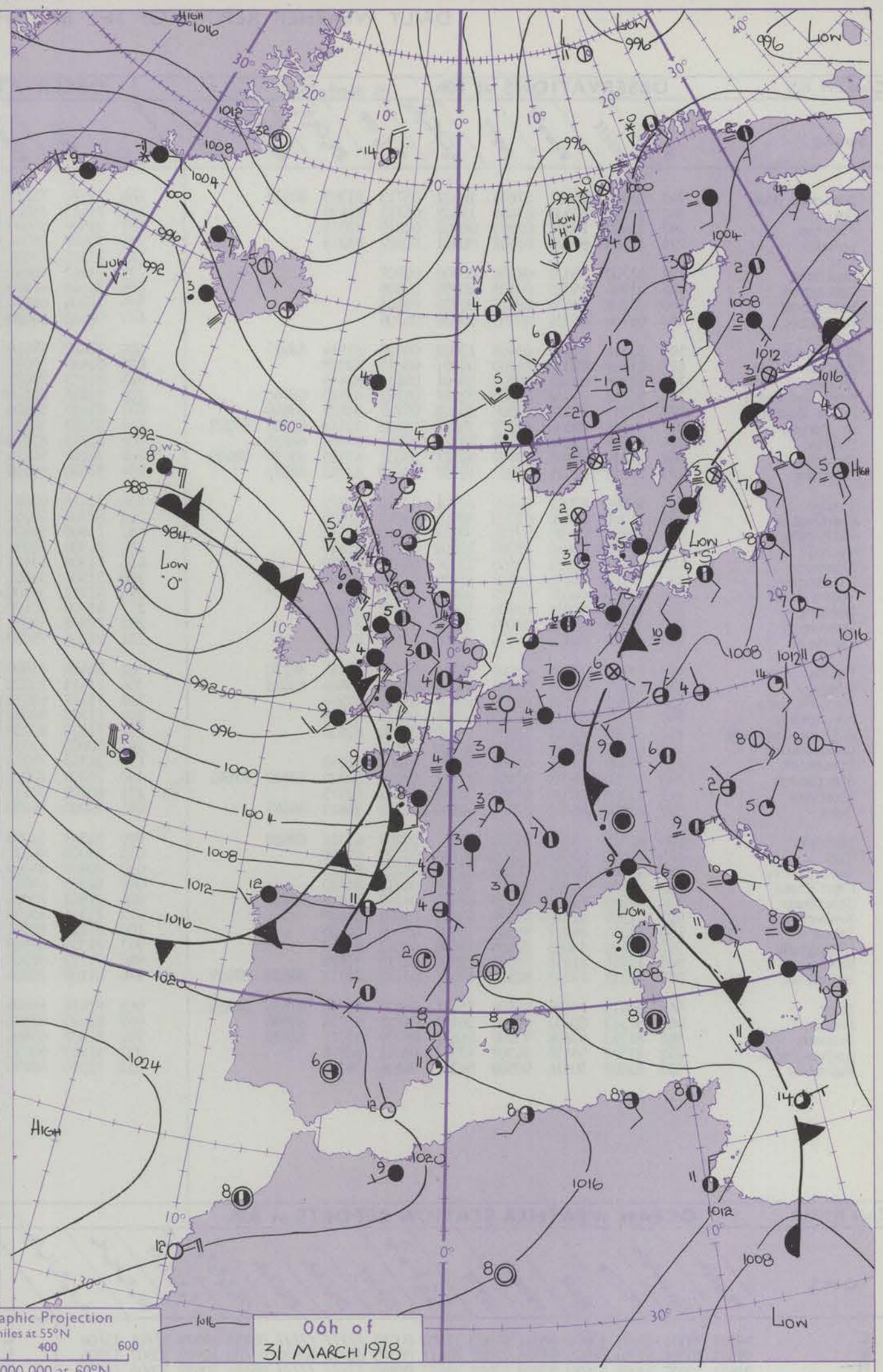
| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sapp$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 99527 | 70355 | 30181 | 63112 | 98018 | 03304 | 42550 | 00331 | ///// | ///// | 05151 | 10525 | 30605 | 22309 |
| L | 99571 | 70199 | 30184 | 81023 | 97216 | 86907 | 2641/ | 00615 | 82710 | 88459 | 0//01 | 10881 | 30705 | 99/07 |
| M | 99650 | 10034 | 30184 | 72120 | 97258 | 86305 | 69460 | 72211 | ///// | ///// | 05103 | 10604 | 30505 | ///// |
| R | 99470 | 70173 | 30184 | 72629 | 97218 | 02012 | 756// | 61500 | 87640 | ///// | 0//10 | 11132 | 30808 | ///// |

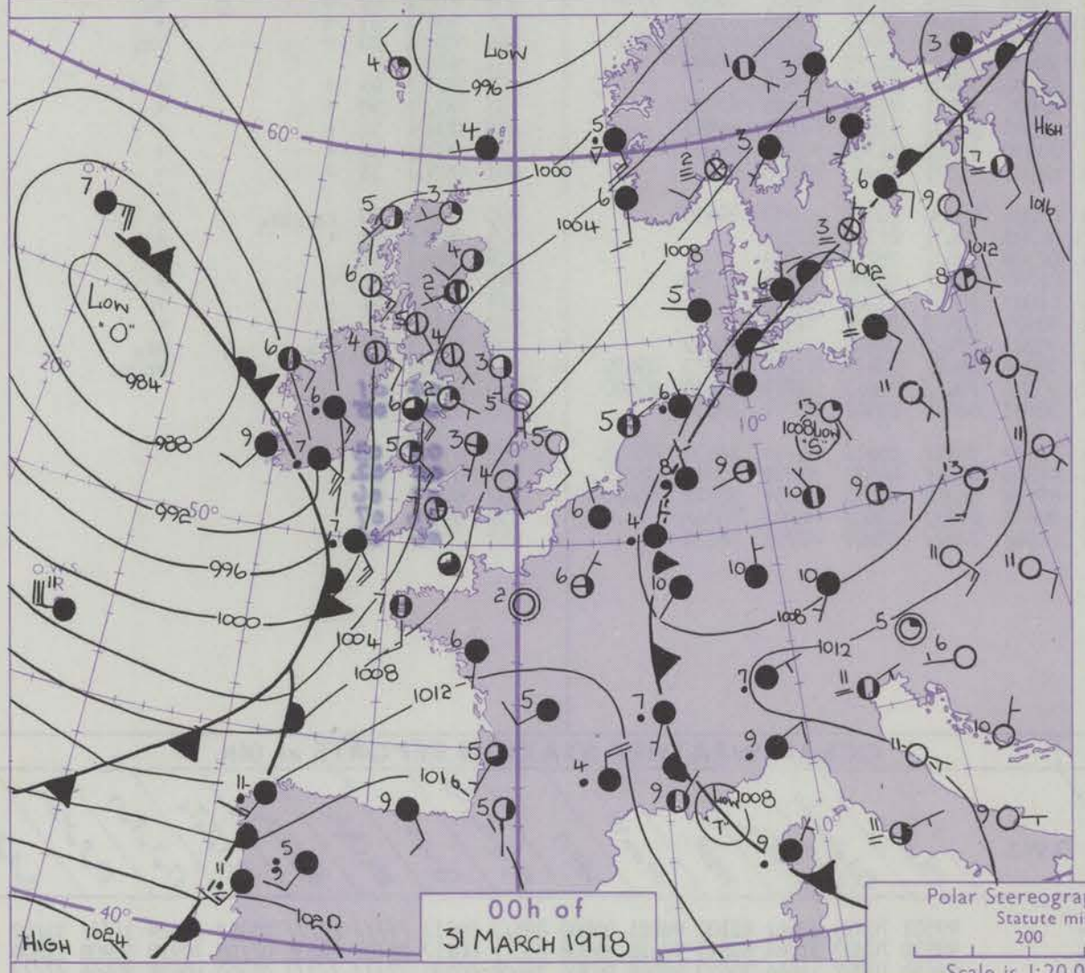
times of observation printed in this publication are GREENWICH MEAN TIME.

# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

Issued at midday FRIDAY 31 MARCH 1978

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a westerly airstream over the British Isles backed southerly as a low in mid-Atlantic moved towards the British Isles and an associated frontal trough moved into southwestern districts.

During the next 24 hours the depression to the west of Ireland is expected to move southeast into France while the frontal trough over the southwest moves slowly east over southern districts of England and Wales.

# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (*contd.*)

## Code FM 11.V — OBSERVATIONS at 00h. 31 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 51509 | 70021 | 07603 | 10932 | 03713 | 81365 | 85072 | |
| Hurn | 862 | 21610 | 80030 | 07407 | 15502 | 06715 | 81620 | | |
| Manston | 797 | 21602 | 70021 | 09203 | 00902 | 02810 | 82075 | | |
| Gatwick | 776 | 11603 | 66020 | 09102 | 00901 | 02807 | 81075 | | |
| Kew | | | | | | | | | |
| Heathrow | 772 | 01702 | 70020 | 08204 | 00900 | 02807 | | | |
| Honington | 586 | 01904 | 66020 | 08405 | 00900 | 03805 | | | |
| Wattisham | 590 | 02108 | 62020 | 08903 | 00900 | 02805 | | | |
| Gorleston | 497 | 01708 | 66021 | 09205 | 00900 | 04706 | | | |
| Aberporth | 502 | 31516 | 80018 | 02405 | 13402 | 04826 | 81914 | 83075 | |
| Filton | 628 | 21807 | 80031 | 06705 | 00901 | 04815 | 82078 | | |
| Rhoose | 715 | 11206 | 82021 | 05605 | 15601 | 04817 | 81635 | | |
| Hartland Point | 703 | 81718 | 74032 | 03606 | 3252/ | 04724 | 83820 | 88460 | |
| Mount Batten | 827 | 61815 | 75028 | 04508 | 38508 | 05727 | 81825 | 83640 | |
| St.Mawgan | 817 | 71619 | 82038 | 02607 | 38478 | 04833 | 82818 | 85362 | 87272 |
| Scilly | 804 | 81627 | 62636 | 99407 | 883// | 06847 | 86706 | 88615 | |
| Culdrose | 809 | 81818 | 60606 | 02707 | 5852/ | 05831 | 81820 | 85628 | 88459 |
| Guernsey | 894 | 61811 | 82021 | 07307 | 10932 | 03825 | 81362 | 86075 | |
| Elmdon | 534 | 51906 | 65018 | 06803 | 00901 | 01810 | 85075 | | |
| Cardington | 559 | 11905 | 68020 | 07903 | 00901 | 03802 | 81075 | | |
| Wittering | 462 | 12005 | 66020 | 07903 | 00901 | 01502 | 81075 | | |
| Watnall | 354 | 11704 | 65010 | 07205 | 15600 | 03803 | 81640 | | |
| Shawbury | 414 | 21404 | 75011 | 05405 | 25600 | 01811 | 82630 | | |
| Finningley | 360 | 11703 | 60258 | 06303 | 15700 | 01705 | 81650 | | |
| Spurn Point | 396 | 01805 | 64020 | 07105 | 00900 | 03703 | | | |
| Leeming | 257 | 11805 | 80011 | 05805 | 15600 | 03604 | 81640 | | |
| Tynemouth | 262 | 31906 | 69021 | 06005 | 30930 | 01801 | 83358 | | |
| Carlisle | 222 | 11606 | 81018 | 04304 | 15700 | 02805 | 81650 | | |
| Valley | 302 | 61518 | 82032 | 03206 | 38406 | 04716 | 82814 | 86270 | |
| Ringway | 334 | 51607 | 80038 | 05606 | 35604 | 03807 | 83640 | 83075 | |
| Squires Gate | 318 | 21407 | 65018 | 04802 | 20930 | 01807 | 82359 | | |
| Ronaldsway | 204 | 11712 | 80021 | 02505 | 11400 | 04815 | 81816 | | |
| Mull of Galloway | 131 | 12025 | 82021 | 01806 | 15600 | 05708 | 81630 | | |
| Eskdalemuir | 162 | 01202 | 82018 | 04801 | 00900 | 00802 | | | |
| Prestwick | 135 | 11709 | 75011 | 02505 | 15702 | 01603 | 81650 | | |
| Abbotsinch | 140 | 70803 | 75021 | 02606 | 755// | 03802 | 82620 | 83630 | 87645 |
| Leuchars | 171 | 12503 | 80020 | 03602 | 00902 | 01204 | 81075 | | |
| Dyce | 091 | 42208 | 86031 | 02604 | 48530 | 00112 | 81825 | 84645 | |
| Lerwick | 005 | 82705 | 65216 | 97804 | 854// | 03209 | 83711 | 88630 | |
| Wick | 075 | 22606 | 82021 | 00803 | 25730 | 01220 | 82650 | | |
| Sule Skerry | 010 | 32705 | 82028 | 00206 | 35500 | 04212 | 83625 | | |
| Cape Wrath | 049 | 22310 | 84021 | 00205 | 28500 | 04212 | 81820 | | |
| Stornoway | 026 | 42205 | 75011 | 00105 | 48400 | 04107 | 81818 | 83635 | |
| Benbecula | 022 | 11306 | 82028 | 99304 | 15600 | 02801 | 81640 | | |
| Tiree | 100 | 11316 | 80018 | 99506 | 15600 | 05809 | 81635 | | |
| Aldergrove | 917 | 11410 | 80028 | 00404 | 15600 | 01812 | 81640 | | |
| Malin | 980 | 11516 | 81018 | 98504 | 12500 | 02715 | 81820 | | |
| Belmullet | 976 | 71212 | 77032 | 92506 | 6547/ | 03725 | 82718 | 86638 | 87459 |
| Birr | 965 | 81413 | 75606 | 95506 | 7547/ | 04837 | 82716 | 87636 | 88459 |
| Dublin | 969 | 51513 | 80031 | 99606 | 3643/ | 04725 | 82715 | 83630 | |
| Shannon | 962 | 81523 | 60626 | 93407 | 864// | 06735 | 85714 | 88625 | |
| Roches Point | 952 | 81323 | 56618 | 94307 | 873// | 06741 | 88709 | | |
| Valentia | 953 | 82008 | 50216 | 90809 | 863// | 09626 | 88708 | | |

## OBSERVATIONS at 06h. 31 March 1978

| Station | iii | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $T_dT_d$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ |
|---|---|---|---|---|---|---|---|---|---|
| Boscombe Down | 746 | 71314 | 75022 | 02805 | 15478 | 03618 | 81710 | 85465 | 87270 |
| Hurn | 862 | 71513 | 75021 | 02607 | 4562/ | 05720 | 84645 | 86460 | |
| Manston | 797 | 21609 | 40400 | 07903 | 16002 | 03706 | 81701 | | |
| Gatwick | 776 | 70807 | 68034 | 06003 | 10935 | 03616 | 81362 | 86072 | |
| Kew | 775 | 71305 | 72021 | 05404 | 00902 | 03716 | 87072 | | |
| Heathrow | 772 | 71107 | 65031 | 05304 | 10936 | 04616 | 81365 | 87072 | |
| Honington | 586 | 31406 | 48100 | 07102 | 00902 | 01503 | 83075 | | |
| Wattisham | 590 | 91506 | 01474 | 07601 | 9//// | 01504 | 89/// | | |
| Gorleston | 497 | 01610 | 58020 | 07806 | 00900 | 05705 | | | |
| Aberporth | 502 | 81427 | 65616 | 95504 | 5532/ | 04622 | 81708 | 83625 | 88535 |
| Filton | 628 | 81410 | 70601 | 01606 | 5542/ | 04722 | 83614 | 83650 | 88459 |
| Rhoose | 715 | 81115 | 59621 | 99606 | 853// | 05726 | 81708 | 87614 | 88628 |
| Hartland Point | 703 | 81626 | 69216 | 95706 | 855// | 04634 | 82720 | 88630 | |
| Mount Batten | 827 | 81619 | 58616 | 97508 | 853// | 07735 | 82708 | 84618 | 88630 |
| St.Mawgan | 817 | 81618 | 50636 | 95008 | 872// | 08631 | 86703 | 88706 | |
| Scilly | 804 | 82215 | 62216 | 95009 | 6822/ | 08507 | 82705 | 86620 | 88460 |
| Culdrose | 809 | 72214 | 56216 | 95408 | 4537/ | 08623 | 83707 | 83622 | 87460 |
| Guernsey | 894 | 81620 | 62616 | 01507 | 852// | 05728 | 82705 | 86710 | 87625 |
| Elmdon | 534 | 71410 | 62021 | 03303 | 25608 | 02716 | 81645 | 87270 | |
| Cardington | 559 | 61309 | 59051 | 04903 | 30931 | 03716 | 83360 | 85075 | |
| Wittering | 462 | 71806 | 56101 | 05801 | 16206 | 01608 | 81704 | 87275 | |
| Watnall | 354 | 71308 | 56051 | 04703 | 26172 | 02609 | 82702 | 86359 | 87070 |
| Shawbury | 414 | 71308 | 63101 | 01505 | 753// | 04718 | 82708 | 85711 | 87645 |
| Finningley | 360 | 51507 | 59101 | 04801 | 10942 | 01605 | 81365 | 85075 | |
| Spurn Point | 396 | 41712 | 34100 | 06004 | 10945 | 03504 | 81360 | 84075 | |
| Leeming | 257 | 41806 | 40108 | 04202 | 15731 | 02605 | 81650 | 83362 | |
| Tynemouth | 262 | 71903 | 56031 | 04404 | 7097/ | 03605 | 87358 | | |
| Carlisle | 222 | 21206 | 75030 | 02302 | 18542 | 01608 | 81824 | | |
| Valley | 302 | 81418 | 81602 | 98107 | 3557/ | 03721 | 83620 | 88459 | |
| Ringway | 334 | 71411 | 72022 | 02206 | 18576 | 01714 | 81820 | 83365 | 87270 |
| Squires Gate | 318 | 71312 | 62031 | 01305 | 15706 | 03715 | 81650 | 87272 | |
| Ronaldsway | 204 | 71320 | 80021 | 98906 | 18436 | 03717 | 81713 | 83363 | 87275 |
| Mull of Galloway | 131 | 71623 | 82038 | 98906 | 3557/ | 04712 | 83625 | 87460 | |
| Eskdalemuir | 162 | 50000 | 81031 | 03400 | 55600 | 51502 | 85645 | | |
| Prestwick | 135 | 31313 | 75011 | 00604 | 15701 | 02708 | 81650 | 83075 | |
| Abbotsinch | 140 | 70709 | 70031 | 01503 | 68532 | 01604 | 81820 | 86642 | |
| Leuchars | 171 | 60802 | 65111 | 03650 | 15602 | 51304 | 81635 | 86072 | |
| Dyce | 091 | 10000 | 84030 | 03701 | 15731 | 50307 | 81650 | | |
| Lerwick | 005 | 52309 | 81026 | 01204 | 49430 | 00218 | 81910 | 84630 | |
| Wick | 075 | 22002 | 86031 | 02703 | 18431 | 01210 | 81818 | | |
| Sule Skerry | 010 | 60908 | 84018 | 02306 | 695// | 05213 | 86920 | | |
| Cape Wrath | 049 | 62305 | 84011 | 01704 | 2254/ | 02206 | 82820 | 86360 | |
| Stornoway | 026 | 21901 | 75020 | 01003 | 18401 | 03206 | 81818 | | |
| Benbecula | 022 | 21311 | 82030 | 98905 | 18402 | 04302 | 81816 | | |
| Tiree | 100 | 61220 | 70801 | 98205 | 28408 | 04602 | 81710 | 85272 | |
| Aldergrove | 917 | 81314 | 63608 | 96906 | 6547/ | 03713 | 81710 | 84713 | 85620 |
| Malin | 980 | 71123 | 80508 | 95306 | 784// | 03613 | 83715 | 83820 | 85640 |
| Belmullet | 976 | 81109 | 78026 | 88807 | 864// | 05507 | 85717 | 88634 | |
| Birr | 965 | 81416 | 66606 | 90407 | 7642/ | 05618 | 85713 | 86633 | 88458 |
| Dublin | 969 | 81420 | 68586 | 94106 | 873// | 04620 | 83709 | 85712 | 88715 |
| Shannon | 962 | 81207 | 65606 | 89108 | 863// | 07613 | 83709 | 85712 | 86620 |
| Roches Point | 952 | 81810 | 60615 | 90608 | 6732/ | 08607 | 86709 | 88546 | |
| Valentia | 953 | 72106 | 60256 | 88908 | 784// | 08609 | 83712 | 86635 | |

## OBSERVATIONS during NIGHT

| Station | iii | $RRT_nT_nE$ | $T_gT_g$ | WEATHER 21h.–03h. | WEATHER 03h.–09h. |
|---|---|---|---|---|---|
| Boscombe Down | 746 | 01031 | 50 | + | $r_or$ |
| Hurn | 862 | 03061 | 03 | + | $r_ordrd$ |
| Manston | 797 | 97010 | 52 | + | f |
| Gatwick | 776 | 00011 | 54 | f | if |
| Kew | 775 | 00511 | 58 | + | + |
| Heathrow | 772 | 00031 | 51 | + | + |
| Honington | 586 | 00010 | 52 | + | f |
| Wattisham | 590 | 00011 | 51 | + | fF |
| Gorleston | 497 | | | | |
| Aberporth | 502 | 01041 | 02 | $pr_o$ | $r_or_o$ |
| Filton | 628 | 01041 | 01 | + | $r_o$–$r_or$ |
| Rhoose | 715 | 01051 | 50 | + | $r_or$ |
| Hartland Point | 703 | 03052 | 04 | | |
| Mount Batten | 827 | 08071 | 05 | $r_o$ | $r_or_orpr_o$ |
| St.Mawgan | 817 | 08061 | 04 | $pr_orr$ | $rrir_o$ |
| Scilly | 804 | 12072 | 06 | $ir_orr$ | ir |
| Culdrose | 809 | 09062 | 05 | $ir_orrd_or_o$ | $rrir_oir$ |
| Guernsey | 894 | 01071 | 05 | + | $irr_or_oir_o$ |
| Elmdon | 534 | 97011 | 52 | + | $r_o$ |
| Cardington | 559 | 00011 | 56 | + | + |
| Wittering | 462 | 00001 | 53 | + | + |
| Watnall | 354 | 00011 | 54 | + | + |
| Shawbury | 414 | 00021 | 53 | + | + |
| Finningley | 360 | 97511 | 54 | $pr_o$ | + |
| Spurn Point | 396 | | | + | + |
| Leeming | 257 | 97020 | 52 | $pr_o$ | + |
| Tynemouth | 262 | 00041 | 01 | + | + |
| Carlisle | 222 | 97011 | 56 | $pr_o$ | + |
| Valley | 302 | 92061 | 03 | + | $r_o$ |
| Ringway | 334 | 97051 | 02 | + | $r_o$ |
| Squires Gate | 318 | 00011 | 51 | + | + |
| Ronaldsway | 204 | 97051 | 03 | + | $ir_o$ |
| Mull of Galloway | 131 | 97041 | | | |
| Eskdalemuir | 162 | 00511 | 01 | + | + |
| Prestwick | 135 | 00021 | 50 | + | + |
| Abbotsinch | 140 | 00021 | 51 | + | + |
| Leuchars | 171 | 00521 | 56 | + | + |
| Dyce | 091 | 00511 | 55 | + | + |
| Lerwick | 005 | 91031 | 00 | $r_or_oir_o$ | + |
| Wick | 075 | 00021 | 52 | + | + |
| Sule Skerry | 010 | 01041 | 51 | | |
| Cape Wrath | 049 | 00030 | 01 | + | + |
| Stornoway | 026 | 00031 | 51 | + | + |
| Benbecula | 022 | 00031 | 50 | + | + |
| Tiree | 100 | 97051 | 02 | $pr_o$ | $pr_o$ |
| Aldergrove | 917 | 97031 | 01 | + | $pr_or_o$ |
| Malin | 980 | 9404 | 01 | | |
| Belmullet | 976 | 9706 | 05 | | |
| Birr | 965 | 0105 | 03 | | |
| Dublin | 969 | 0105 | 02 | | |
| Shannon | 962 | 0407 | 06 | | |
| Roches Point | 952 | 0906 | 07 | | |
| Valentia | 953 | 1706 | 06 | | |

## Code FM 21.V — OCEAN WEATHER STATION REPORTS at 00h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 31001 | 13007 | 98011 | 07003 | 12500 | 00215 | ///// | ///// | 05453 | 10579 | 3//01 | 33/08 |
| | 99571 | 70201 | 31004 | 80926 | 97586 | 87007 | 854// | 00305 | 86710 | 88630 | 0//05 | 10916 | 30807 | 12806 |
| | 99651 | 10032 | 31004 | 82610 | 97808 | 93505 | 894// | 00240 | ///// | ///// | 05104 | 10629 | 30404 | ///// |
| | 99469 | 70168 | 31004 | 82730 | 97032 | 02311 | 855// | 61509 | 88630 | ///// | 0//09 | 11128 | 30909 | ///// |

## OCEAN WEATHER STATION REPORTS at 06h.

| O.W.S. | $99L_aL_aL_a$ | $Q_cL_oL_oL_o$ | $YYGGi_w$ | Nddff | VVwwW | PPPTT | $N_hC_LhC_MC_H$ | $D_sv_sa$app | $8N_sCh_sh_s$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_wT$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLMR | 99527 | 70355 | 31061 | 82102 | 98021 | 05003 | 885// | 00711 | ///// | ///// | 05352 | 10529 | 3//// | 33/07 |
| | 99572 | 70203 | 31064 | 80825 | 97616 | 89308 | 853// | 00217 | 85708 | 88630 | 0//05 | 10910 | 30908 | 12806 |
| | 99650 | 10032 | 31064 | 70423 | 97028 | 99304 | 78400 | 00231 | ///// | ///// | 05302 | 10625 | 30504 | ///// |
| | 99469 | 70170 | 31064 | 62839 | 97258 | 03210 | 68500 | 71206 | 85820 | ///// | 0//07 | 11138 | 30912 | ///// |

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Met.O. Bracknell